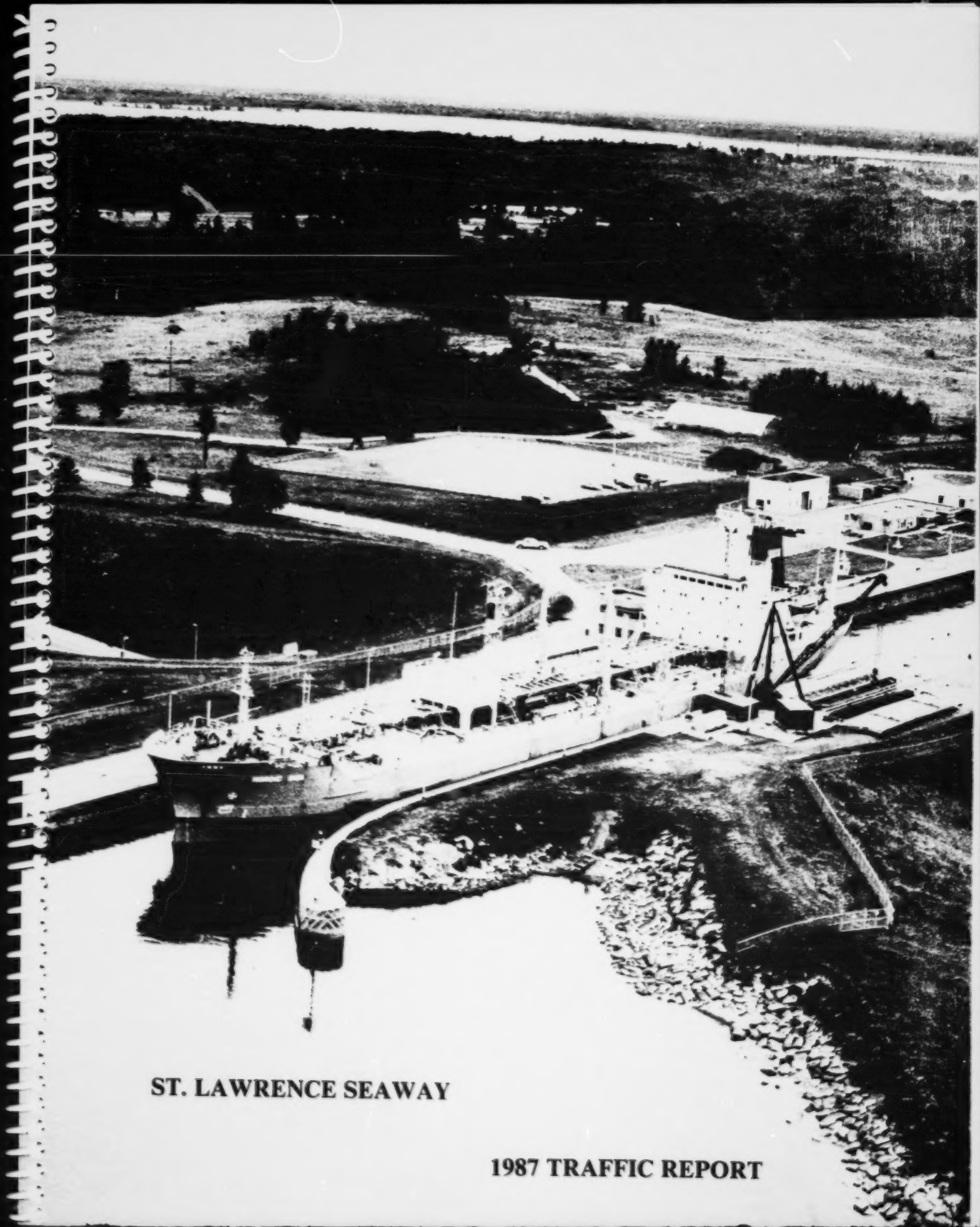




ST. LAWRENCE SEAWAY

1987 TRAFFIC REPORT

THE ST. LAWRENCE SEAWAY
TRAFFIC REPORT
FOR THE
1987 NAVIGATION SEASON

PREPARED BY
THE ST. LAWRENCE SEAWAY AUTHORITY
AND
THE SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION

Available from:

Saint Lawrence Seaway Development Corporation
P.O. Box 44090
WASHINGTON, D.C. 20026-4090

Library of Congress No. HE630.S17S23

and, in French or English, from:

The St. Lawrence Seaway Authority
Constitution Square
1400-360 Albert Street
Ottawa, Canada
K1R 7X7
Telephone: (613) 598-4614

This Traffic Report is a joint publication of yearly traffic data by the Seaway's two operating agencies, The St. Lawrence Seaway Authority and the Saint Lawrence Seaway Development Corporation. Publication of the reports entitled «The Seaway: Operations, Outlook, Statistics» by The St. Lawrence Seaway Authority and the annual «Traffic Report» by the Saint Lawrence Seaway Development Corporation, both distributed since 1977, ended with the 1982 editions.

Editorial Notes

The Traffic Report for the St. Lawrence Seaway is an annual publication prepared jointly by The St. Lawrence Seaway Authority and the Saint Lawrence Seaway Development Corporation. Prior to 1983, the last jointly prepared Traffic Report was published in 1976. During the interim years, separate reports were published by the two entities.

The primary contents of this report is divided into four parts:

- Part I - Table summaries of the 1987 St. Lawrence Seaway traffic activities by traffic sectors; the Montreal-Lake Ontario section and the Welland Canal section.
- Part II - Table summaries of cargo and vessel movements through the St. Lawrence Seaway. These tables represent total Seaway traffic, eliminating duplication of vessel transits and cargo quantities moved through more than one traffic sector.
- Part III - Table summaries of cargo and vessel movements through the Montreal-Lake Ontario section of the St. Lawrence Seaway.
- Part IV - Table summaries of cargo and vessel movements through the Welland Canal section of the St. Lawrence Seaway.

As in past years, transits and gross registered tonnages for non-toll traffic are not included in this report.

Users of this report should note that all cargo and transit figures are based on the transit of at least one lock of the section of the Seaway for which statistics are given.

TABLE OF CONTENTS

	<u>Page</u>
<u>PART I</u> - St. Lawrence Seaway Toll Traffic.....	1
Definitions.....	3
Table 1T - Traffic Summary.....	5
Table 2T - Commodity Summary.....	6
Historical Table 3T - Tolls Revenue 1959-1987.....	7
Historical Table 4T - Actual Opening and Closing Dates of Navigation 1959-1987.....	8
 <u>PART II</u> - Combined Toll Traffic for both Montreal-Lake Ontario and Welland Canal Sections....	 9
Table 1C - Traffic by Type of Vessel.....	10
Table 2C - Traffic by Origin of Cargo and Type of Vessel.....	11
Table 3C - Traffic by Class and Type of Vessel.....	12
Table 4C - Traffic by Type of Transit and Type of Vessel.....	13
Table 5C - Traffic by Origin and Destination.....	14
Table 6C - Traffic by Type of Cargo.....	15
Table 7C - Part A - Traffic by Type of Transit and Cargo (Upbound).....	16
Table 7C - Part B - Traffic by Type of Transit and Cargo (Downbound).....	17
Table 8C - Traffic by Country of Registry.....	18
Table 9C - Traffic by Classification and Type of Cargo.....	19
Table 10C - Part A - Traffic by Commodity Classification and Nationality (Upbound).....	20
Table 10C - Part B - Traffic by Commodity Classification and Nationality (Downbound).....	21
Table 11C - Traffic by Selected Canadian Ports.....	22
Table 12C - Traffic by Selected United States Ports.....	23
Table 13C - Traffic by Selected Foreign Countries.....	24
Historical Table 14C - Traffic Results 1959-1987.....	25
Historical Table 15C - Cargo by Tariff Classification 1959-1987.....	26
Historical Table 16C - Total Tolls Revenue 1959-1987.....	27

continued...

TABLE OF CONTENTS

	<u>Page</u>
PART III - Toll Traffic for the Montreal-Lake Ontario Section.....	29
Table 1M - Traffic by Type of Vessel.....	30
Table 2M - Traffic by Origin of Cargo and Type of Vessel.....	31
Table 3M - Traffic by Class and Type of Vessel.....	32
Table 4M - Traffic by Type of Transit and Type of Vessel.....	33
Table 5M - Traffic by Origin and Destination.....	34
Table 6M - Traffic by Type of Cargo.....	35
Table 7M - Part A - Traffic by Type of Transit and Cargo (Upbound).....	36
Table 7M - Part B - Traffic by Type of Transit and Cargo (Downbound).....	37
Table 8M - Traffic by Country of Registry.....	38
Table 9M - Traffic by Classification and Type of Cargo.....	39
Table 10M - Part A - Traffic by Commodity Classification and Nationality (Upbound).....	40
Table 10M - Part B - Traffic by Commodity Classification and Nationality (Downbound).....	41
Table 11M - Traffic by Vessel Length.....	42
Table 12M - Traffic by Vessel Size in Gross Registered Tons.....	43
Table 13M - Traffic by Month and Type of Cargo.....	44
Historical Table 14M - Traffic Results 1959-1987.....	45
Historical Table 15M - Cargo by Tariff Classification 1959-1987.....	46
Historical Table 16M - Total Tolls Revenue 1959-1987.....	47
Historical Table 17M - Vessel Transits 1959-1987.....	48
Historical Table 18M - Vessel Analysis 1959-1987.....	49
Historical Table 19M - Cargo by Transit and Vessel 1959-1987.....	50
Historical Table 20M - Traffic by Vessel Length 1959-1987.....	51
Historical Table 21M - Commodity Groups 1959-1987.....	52
Historical Table 22M - Selected U.S. Grains 1959-1987.....	53
Historical Table 23M - Selected Canadian Grains 1959-1987.....	54
Historical Table 24M - Selected Mining Commodities 1959-1987.....	55
Historical Table 25M - Selected Processed Commodities 1959-1987.....	56
Historical Table 26M - Cargo Tonnes by Origin-Destination 1959-1987.....	57

continued...

TABLE OF CONTENTS

Page

<u>PART IV</u> - Toll Traffic for the Welland Canal Section.....	59
Table 1W - Traffic by Type of Vessel.....	60
Table 2W - Traffic by Origin of Cargo and Type of Vessel.....	61
Table 3W - Traffic by Class and Type of Vessel.....	62
Table 4W - Traffic by Type of Transit and Type of Vessel.....	63
Table 5W - Traffic by Origin and Destination.....	64
Table 6W - Traffic by Type of Cargo.....	65
Table 7W - Part A - Traffic by Type of Transit and Cargo (Upbound).....	66
Table 7W - Part B - Traffic by Type of Transit and Cargo (Downbound).....	67
Table 8W - Traffic by Country of Registry.....	68
Table 9W - Traffic by Classification and Type of Cargo.....	69
Table 10W - Part A - Traffic by Commodity Classification and Nationality (Upbound).....	70
Table 10W - Part B - Traffic by Commodity Classification and Nationality (Downbound).....	71
Table 11W - Traffic by Vessel Length.....	72
Table 12W - Traffic by Vessel Size in Gross Registered Tons.....	73
Table 13W - Traffic by Month and Type of Cargo.....	74
Historical Table 14W - Traffic Results 1959-1987.....	75
Historical Table 15W - Cargo by Tariff Classification 1959-1987.....	76
Historical Table 16W - Total Tolls Revenue 1959-1987.....	77
Historical Table 17W - Vessel Transits 1959-1987.....	78
Historical Table 18W - Vessel Analysis 1959-1987.....	79
Historical Table 19W - Cargo by Transit and Vessel 1959-1987.....	80
Historical Table 20W - Traffic by Vessel Length 1959-1987.....	81
Historical Table 21W - Commodity Groups 1959-1987.....	82
Historical Table 22W - Selected U.S. Grains 1959-1987.....	83
Historical Table 23W - Selected Canadian Grains 1959-1987.....	84
Historical Table 24W - Selected Mining Commodities 1959-1987.....	85
Historical Table 25W - Selected Processed Commodities 1959-1987.....	86
Historical Table 26W - Cargo Tonnes by Origin-Destination 1959-1987.....	87

PART I

St. Lawrence Seaway Toll Traffic

Definitions

and

1987

Traffic Summaries

DEFINITIONS

In this report cargo quantities are recorded in metric tonnes. If required, short ton equivalences may be calculated by multiplying the metric quantities using the 1.1023 conversion factor. Historical cargo data, published in short tons prior to 1978, have been converted to metric equivalences.

For the interpretation of the tabulations contained in this traffic report the following definitions should be noted:

- a) Bulk Cargo - the tonnes of bulk cargo assessed at the Bulk rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.
- b) Cargo Tonnes - the tonnes of cargo carried by a vessel on each or any transit.
- c) Coastal - means transits to or from the Maritimes and U.S. Atlantic Ports.
- d) Commodity - the classification of commodities is based on that prescribed by the Canadian Transport Commission and the Interstate Commerce Commission of the United States.
- e) Container Cargo - the tonnes of containerized cargo assessed at the Containers rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.
- f) Destination - means the country in which the cargo was unloaded and/or the transit terminated.
- g) General Cargo - the tonnes of cargo assessed at the General rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.
- h) Government Aid Cargo - the tonnes of cargo assessed at the Government Aid rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.
- i) Grain Cargo - the tonnes of cargo assessed at the Food or Feed Grains rate of tolls as defined in the St. Lawrence Seaway Tariff of Tolls.
- j) Gross Registered Tonnage - the gross registered tonnage of a vessel according to the country of registry.
- k) Inland - means transits to and from inland ports connected by water routes made navigable by one or more lock structures.
- l) Mixed Cargo - indicates that a vessel carried any combination of Grains, Government Aid, Containers, General or Bulk cargoes.

- m) Origin - means the country in which the cargo was loaded and/or the transit originated.
- n) Overseas - means transits to or from Foreign Ports beyond the Coast of Canada and the United States.
- o) Package Freight - in the historical tables, designates cargo consisting of miscellaneous packages generally unidentifiable as to commodity and carried only on vessels licensed by the respective Authorities in Canada and the United States. This commodity classification is no longer applicable.
- p) Transit - a partial or complete upbound or downbound passage of a vessel through one or more locks of a Seaway canal.
- q) Tug and Barge Combinations - the assessment of tolls requires tugs and barges in common transit to be considered as one unit. In this report the number of transits shown under this category represents the number of combined passages plus the number of individual tugs transiting the Seaway.

It should be noted, in any analysis, that there is not necessarily a relationship between a specific «Commodity» classification and a «Tariff of Tolls» classification. Due to the method of packaging, handling, special refinements or other provisions, an otherwise identical commodity item, may be classified in any of the Bulk, Grain, Government Aid, Containers or General tariff of tolls categories.

TRAFFIC SUMMARY
1987

Table 1T

Traffic and Revenue		Montreal-Lake Ontario Section			Welland Canal Section		
Traffic		Tonnes and Transits	% of Total	Variance % 1986	Tonnes and Transits	% of Total	Variance % 1986
<u>Cargo Tonnes by Toll Classification:</u>							
Bulk		17 387 886	43.5	+ 2.4	20 427 881	47.8	- 3.6
Grains		18 324 137	45.9	+ 12.0	19 072 346	44.6	+ 12.1
Government Aid		211 044	0.5	- 7.3	210 398	0.5	- 7.5
Containers		42 945	0.1	- 28.4	24 308	0.1	+ 5.8
General Cargo		4 002 603	10.0	+ 1.3	2 989 822	7.0	- 5.5
CARGO TONNES - TOTAL		39 968 615	100.0	+ 6.4	42 724 755	100.0	+ 2.7
<u>Gross Registered Tonnage:</u>							
Cargo Vessels		40 231 009	99.4	- 2.6	51 404 985	99.4	- 1.7
Non-Cargo Vessels		255 753	0.6	+ 38.5	288 775	0.6	+ 46.9
GROSS REGISTERED TONNAGE - TOTAL		40 486 762	100.0	- 2.4	51 693 760	100.0	- 1.5
<u>Vessel Transits:</u>							
Loaded Cargo Vessels		2 290	70.9	- 0.5	2 407	61.5	- 1.6
Ballast Cargo Vessels		657	20.4	- 13.3	1 213	31.0	- 4.3
Non-Cargo		280	8.7	+ 12.9	294	7.5	+ 20.0
VESSEL TRANSITS - TOTAL		3 227	100.0	- 2.4	3 914	100.0	+ 1.1
<u>Additional Information:</u>							
Passengers (Number)		4 360	-	+ 3.4	6	-	- 75.0
Pleasure Craft Lockages		13 682	-	+ 19.6	8 520	-	- 3.2
Containers (I.E.U.)		3 772	-	- 7.6	2 366	-	- 0.9
Revenue							
<u>Traffic Revenue (\$)</u>							
<u>by Toll Classification:</u>							
Bulk		14 403 203	40.6	+ 2.8	7 682 740	25.9	+ 4.5
Grains		9 526 102	26.8	+ 12.0	7 361 180	24.8	+ 21.5
Government Aid		109 636	0.3	- 7.4	82 055	0.3	+ 0.2
Containers		36 356	0.1	- 28.1	9 480	0.0	+ 14.7
General Cargo		8 184 021	23.1	+ 1.4	1 883 577	6.3	+ 2.6
Gross Registered Tonnage		3 186 952	9.0	- 2.4	4 543 936	15.3	+ 10.4
Other		35 329	0.1	+ 9.1	21 862	0.1	+ 33.3
Lockage Fees		-	-	-	8 091 383	27.3	+ 5.6
TRAFFIC REVENUE - TOTAL		35 481 599	100.0	+ 4.2	29 676 213	100.0	+ 9.4

COMMODITY SUMMARY
1987

Table 2T

Summary of Major Commodities	Montreal-Lake Ontario Section			Welland Canal Section		
	Tonnes	% of Total	Variance % 1986	Tonnes	% of Total	Variance % 1986
<u>Agricultural Products:</u>						
Wheat	12 559 195	31.4	+ 12.4	12 801 222	30.0	+ 11.6
Corn	2 117 099	5.3	+101.4	2 260 913	5.3	+101.0
Rye	34 100	0.1	- 9.5	34 100	0.1	- 9.5
Oats	107 251	0.3	+ 57.3	109 963	0.3	+ 61.2
Barley	1 422 006	3.6	- 25.6	1 473 230	3.4	- 25.7
Soybeans	1 104 387	2.8	- 7.1	1 274 013	3.0	+ 0.3
Flaxseed	374 843	0.9	- 6.8	374 843	0.9	- 6.8
Other Grains	605 551	1.5	+ 15.7	744 357	1.7	+ 12.8
Total Grains	18 324 432	45.9	+ 12.0	19 072 641	44.7	+ 12.1
Other Agricultural Products	129 676	0.3	- 4.7	94 673	0.2	- 7.2
AGRICULTURAL PRODUCTS - TOTAL	18 454 108	46.2	+ 11.9	19 167 314	44.9	+ 12.0
<u>Mine Products:</u>						
Iron Ore	9 557 376	23.9	+ 19.1	6 180 641	14.5	+ 5.8
Coal	233 756	0.6	- 61.7	5 644 283	13.2	- 2.3
Coke	654 432	1.7	- 24.6	822 061	1.9	- 17.2
Stone, Ground, Crushed, or Rough	231 868	0.6	- 14.9	889 373	2.1	- 11.6
Salt	928 559	2.3	+ 6.2	1 766 446	4.1	- 6.2
Other Mine Products	1 613 149	4.0	+ 0.6	1 206 184	2.8	- 5.1
MINE PRODUCTS - TOTAL	13 219 140	33.1	+ 7.9	16 508 988	38.6	- 1.5
<u>Processed Products:</u>						
Iron and Steel	3 614 403	9.1	+ 1.8	2 674 513	6.3	- 6.2
Fuel Oil	481 049	1.2	- 25.0	569 051	1.3	- 5.7
Other Petroleum Products	408 745	1.0	+ 19.4	261 530	0.6	- 17.3
Chemicals	812 778	2.0	- 6.5	627 657	1.5	- 19.2
Other Processed Products	2 912 423	7.3	- 13.3	2 892 018	6.7	- 8.1
PROCESSED PRODUCTS - TOTAL	8 229 398	20.6	- 6.1	7 024 769	16.4	- 8.7
<u>Miscellaneous Cargo:</u>						
Forest Products	10 987	0.0	+ 49.0	3 785	0.0	+ 79.0
Animal Products	54 982	0.1	- 19.0	19 899	0.1	- 38.2
MISCELLANEOUS CARGO - TOTAL	65 969	0.1	- 12.3	23 684	0.1	- 31.0
GRAND - TOTAL	39 968 615	100.0	+ 6.4	42 724 755	100.0	+ 2.7

ST. LAWRENCE SEAWAY SYSTEM
TOLL REVENUE
(DOLLARS)

Historical Table 3T

Year	Canada			U.S.		Combined (1) Canada and U.S.
	Montreal-Lake Ontario Section	Welland Canal Section	Total	Montreal-Lake Ontario Section		
1959 (2)	\$ 7 104 283	\$ 1 221 436	\$ 8 325 719	\$ 2 942 594		\$ 11 268 313
1960	7 177 432	1 318 357	8 495 789	2 931 627		11 427 416
1961	8 059 013	1 460 451	9 559 464	3 308 047		12 867 511
1962 (3)	8 928 090	640 193	9 568 283	3 646 685		13 214 968
1963	10 736 820	-	10 736 820	4 385 462		15 122 282
1964	13 550 525	-	13 550 525	5 534 722		19 085 247
1965	15 484 399	-	15 484 399	6 324 613		21 809 012
1966	17 277 397	-	17 277 397	7 056 965		24 334 362
1967 (4)	16 315 345	913 275	17 228 620	6 034 443		23 263 063
1968	18 168 871	1 749 165	19 918 036	6 719 994		26 638 030
1969	15 663 229	2 494 075	18 157 304	5 793 249		23 950 553
1970	18 591 443	3 533 405	22 124 848	6 867 784		28 992 632
1971	20 016 608	4 331 602	24 348 210	7 390 029		31 738 239
1972	19 940 726	4 242 605	24 183 331	7 360 363		31 543 694
1973	20 362 905	4 232 455	24 595 360	7 531 486		32 126 846
1974	15 563 467	3 176 688	18 740 155	5 756 350		24 496 505
1975	16 492 316	3 720 018	20 212 334	6 099 898		26 312 232
1976	18 843 654	3 789 408	22 633 062	6 969 570		29 602 632
1977	22 461 583	4 030 938	26 492 521	8 307 708		34 800 229
1978 (5)	23 579 826	18 291 307	41 871 133	9 631 197		51 502 330
1979	25 464 676	21 241 630	46 706 306	10 401 065		57 107 371
1980	23 002 818	23 609 888	46 612 706	9 395 517		56 008 223
1981	24 432 396	23 092 629	47 525 025	9 979 429		57 504 454
1982 (6)	23 687 472	24 529 232	48 216 704	9 645 209		57 861 913
1983	26 813 636	28 144 615	54 958 251	10 867 254		65 825 505
1984	29 630 507	29 830 499	59 461 006	11 968 392		71 429 398
1985 (7)	24 558 924	23 268 763	47 827 687	9 006 703		56 834 390
1986 (8)	24 902 133	27 132 291	52 034 424	9 152 250		61 186 674
1987	25 952 068	29 676 213	55 628 281	9 529 531		65 157 812
TOTAL	\$542 802 562	\$289 671 138	\$832 473 700	\$210 538 136		\$1 043 011 836

- (1) Tolls are collected in Canadian and U.S. dollars as shown below. The combined total does not distinguish between currencies. Revenue data is sourced from calendar year traffic reports and will vary from annual financial reports.
- (2) Montreal-Lake Ontario Revenue split, Canada 71%, U.S. 29%, 1959 through 1966.
- (3) Welland Canal tolls suspended July 18, 1962.
- (4) Increasing schedule of lockage charges imposed on the Welland Canal, April 1, 1967. Montreal-Lake Ontario Revenue split, Canada 73%, U.S. 27%, 1967 through 1977.
- (5) System Wide 3-year phased toll increase. Welland lockage fees replaced with commodity and GRT tolls. Montreal-Lake Ontario revenue split revised to: Canada 71%, U.S. 29%.
- (6) System Wide 2-year phased toll increase. Welland lockage fees reinstituted with commodity and GRT tolls.
- (7) Montreal-Lake Ontario revenue split revised to: Canada 73%, U.S. 27%.
- (8) Increased schedule of lockage fees and toll charges imposed on the Welland Canal, April 1, 1986.

ACTUAL OPENING AND CLOSING DATES OF NAVIGATION

Historical Table 4T

Year	Montreal-Lake Ontario Section			Welland Canal Section		
	Opened	Closed	Days of Navigation	Opened	Closed	Days of Navigation
1959	April 25	December 3	223	April 6	December 15	254
1960	April 18	December 3	230	April 1	December 16	260
1961	April 15	December 7	237	April 1	December 16	260
1962	April 15	December 7	237	April 1	December 16	260
1963	April 15	December 13	243	April 1	December 18	262
1964	April 8	December 7	244	March 30	December 15	261
1965	April 8	December 17	254	April 1	December 16	260
1966	April 1	December 15	259	April 4	December 16	257
1967	April 7	December 16	254	April 1	December 16	260
1968	April 8	December 14	251	April 1	December 22	266
1969	April 7	December 15	253	April 1	December 22	266
1970	April 4	December 18	259	April 1	December 30	274
1971	April 14	December 20	251	March 29	January 8	286
1972	April 12	December 23	256	March 29	December 16	263
1973	March 28	December 22	270	March 28	January 4	283
1974	March 26	December 18	268	March 29	January 18	296
1975	March 25	December 21	272	March 25	December 31	282
1976	April 3	December 24	266	April 1	January 3	278
1977	April 4	December 26	267	April 4	December 31	272
1978	April 3	December 22	264	March 28	December 31	279
1979	April 2	December 22	265	March 28	December 29	277
1980	March 24	December 19	271	March 24	December 31	283
1981	March 25	December 20	271	March 25	December 27	278
1982	April 5	December 21	261	April 5	December 23	263
1983	March 31	December 19	264	April 5	December 27	267
1984	April 2	January 2	276	March 28	January 1	280
1985	April 1	December 30	274	April 1	December 30	274
1986	April 3	December 27	269	April 3	December 26	268
1987	March 31	December 26	271	April 1	December 28	272

ACTUAL DATES

OPENING - The date the system opened for commercial navigation.

CLOSING - The date the last commercial vessel cleared the system.

PART II

St. Lawrence Seaway

Combined Toll Traffic

for both

Montreal-Lake Ontario

and

Welland Canal Sections

TRAFFIC BY TYPE OF VESSEL
1987

Table 1C

ST. LAWRENCE SEAWAY

TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE		
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%	
UPBOUND:														
Cargo	983	808	1 791	26 960 919	13 692 662	20 345	-	33 115	3 750 735	17 496 857	34.5	29 425 350.79	45.2	
Tug and Barge	52	20	72	187 406	178 889	4 998	-	-	-	183 887	0.4	215 214.70	0.3	
Tanker	118	109	227	1 519 864	967 179	-	-	-	-	967 179	1.9	1 411 181.20	2.2	
Non-Cargo	39	222	261	104 308	-	-	-	-	-	-	0.0	37 630.04	0.1	
Total Up	1 192	1 159	2 351	28 772 497	14 838 730	25 343	-	33 115	3 750 735	18 647 923	36.8	31 089 376.73	47.7	
DOWNBOUND:														
Cargo	1 559	146	1 705	25 589 377	11 191 759	19 183 497	211 044	9 830	250 881	30 847 011	60.9	32 321 248.82	49.6	
Tug and Barge	14	60	74	139 320	54 455	-	-	-	987	55 442	0.1	110 495.31	0.2	
Tanker	147	73	220	1 458 351	1 102 886	-	-	-	-	1 102 886	2.2	1 582 340.00	2.4	
Non-Cargo	38	201	239	281 150	-	-	-	-	-	-	0.0	54 351.03	0.1	
Total Down	1 758	480	2 238	27 518 198	12 349 100	19 183 497	211 044	9 830	251 868	32 005 339	63.2	34 068 435.16	52.3	
TOTALS:														
Cargo	2 542	954	3 496	52 550 296	24 884 421	19 203 842	211 044	42 945	4 001 616	48 343 868	95.4	61 746 599.61	94.8	
Tug and Barge	66	80	146	376 726	233 344	4 998	-	-	987	239 329	0.5	325 710.01	0.5	
Tanker	265	182	447	2 978 215	2 070 065	-	-	-	-	2 070 065	4.1	2 993 521.20	4.6	
Non-Cargo	77	423	500	385 458	-	-	-	-	-	-	0.0	91 981.07	0.1	
GRAND TOTAL	2 950	1 639	4 589	56 290 695	27 187 830	19 208 840	211 044	42 945	4 002 603	50 653 262	100.0	65 157 811.89	100.0	

TRAFFIC BY ORIGIN OF CARGO AND TYPE OF VESSEL
1987

Table 2C

ST. LAWRENCE SEAWAY

ORIGIN OF CARGO AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE		
	Loaded	Ball Total			Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND: CANADA: Cargo Tug and Barge Tanker Non-Cargo Total Canada	543	693	1 236	19 273 101	12 010 383	20 345	-	-	9 423	12 040 151	23.8	16 015 397.27	24.6
	51	18	69	180 090	178 408	4 998	-	-	-	183 406	0.4	207 647.55	0.3
	63	85	148	884 082	479 314	-	-	-	-	479 314	0.9	741 344.56	1.1
	29	191	220	83 001	-	-	-	-	-	-	0.0	28 626.86	0.0
	686	987	1 673	20 420 274	12 668 105	25 343	-	-	9 423	12 702 871	25.1	16 993 016.24	26.1
U.S.A.: Cargo Tug and Barge Tanker Non-Cargo Total U.S.A.	20	22	42	450 630	209 467	-	-	-	-	209 467	0.4	226 083.56	0.3
	1	2	3	7 316	481	-	-	-	-	481	0.0	7 567.15	0.0
	19	21	40	243 637	137 871	-	-	-	-	137 871	0.3	181 802.80	0.3
	10	31	41	21 307	-	-	-	-	-	-	0.0	9 003.18	0.0
	50	76	126	722 890	347 819	-	-	-	-	347 819	0.7	424 456.69	0.7
FOREIGN: Cargo Tug and Barge Tanker Non-Cargo Total Foreign	420	93	513	7 237 188	1 472 812	-	-	33 115	3 741 312	5 247 239	10.4	13 183 869.96	20.2
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	36	3	39	392 145	349 994	-	-	-	-	349 994	0.7	488 033.84	0.7
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	456	96	552	7 629 333	1 822 806	-	-	33 115	3 741 312	5 597 233	11.1	13 671 903.80	21.0
Total Up	1 192	1 159	2 351	28 772 497	14 838 730	25 343	-	33 115	3 750 735	18 647 923	36.8	31 089 376.73	47.7
DOWNBOUND: CANADA: Cargo Tug and Barge Tanker Non-Cargo Total Canada	772	84	856	12 737 770	2 317 943	13 862 578	646	6 941	175 116	16 363 224	32.3	17 954 408.84	27.6
	11	47	58	124 643	42 706	-	-	-	-	42 706	0.1	71 321.73	0.1
	129	63	192	1 252 880	1 050 941	-	-	-	-	1 050 941	2.1	1 348 599.12	2.1
	28	156	184	173 531	-	-	-	-	-	-	0.0	33 857.82	0.1
	940	350	1 290	14 288 824	3 411 590	13 862 578	646	6 941	175 116	17 456 871	34.5	19 408 187.51	29.8
U.S.A.: Cargo Tug and Barge Tanker Non-Cargo Total U.S.A.	787	62	849	12 851 607	8 873 816	5 320 919	210 398	2 889	75 765	14 483 787	28.6	14 366 839.98	22.0
	3	13	16	64 677	11 749	-	-	-	987	12 736	0.0	39 173.58	0.1
	18	10	28	205 471	51 945	-	-	-	-	51 945	0.1	233 740.88	0.4
	10	45	55	107 619	-	-	-	-	-	-	0.0	20 493.21	0.0
	818	130	948	13 229 374	8 937 510	5 320 919	210 398	2 889	76 752	14 548 468	28.7	14 660 247.65	22.5
Total Down	1 758	480	2 238	27 518 198	12 349 100	19 183 497	211 044	9 830	251 868	32 005 339	63.2	34 068 435.16	52.3
TOTALS: CANADA: U.S.A.: FOREIGN: GRAND TOTAL	1 626	1 337	2 963	34 709 098	16 079 695	13 887 921	646	6 941	184 539	30 159 742	59.5	36 401 203.75	55.9
	868	206	1 074	13 952 264	9 285 329	5 320 919	210 398	2 889	76 752	14 896 287	29.4	15 084 704.34	23.2
	456	96	552	7 629 333	1 822 806	-	-	33 115	3 741 312	5 597 233	11.1	13 671 903.80	21.0
	2 950	1 639	4 589	56 290 695	27 187 830	19 208 840	211 044	42 945	4 002 603	50 653 262	100.0	65 157 811.89	100.0

TRAFFIC BY CLASS AND TYPE OF VESSEL
1987

Table 3C

CLASS AND TYPE OF VESSEL		VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE				
		Loaded	Ball			Total	Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%	
UPBOUND:																
OCEAN:																
Cargo	437	144	581	7 987 320	1 674 043	-	-	33 115	3 635 813	5 342 971	10.5	13 188 537.79	20.2			
Tanker	56	10	66	609 116	500 094	-	-	-	-	500 094	1.0	648 096.70	1.0			
Total Ocean	493	154	647	8 596 436	2 174 137	-	-	33 115	3 635 813	5 843 065	11.5	13 836 634.49	21.2			
LAKER:																
Cargo	546	664	1 210	18 973 599	12 018 619	20 345	-	-	114 922	12 153 886	24.0	16 236 813.00	24.9			
Tug and Barge	52	18	70	180 892	178 889	4 998	-	-	-	183 887	0.4	210 427.32	0.3			
Tanker	62	99	161	910 748	467 085	-	-	-	-	467 085	0.9	763 084.50	1.2			
Total Laker	660	781	1 441	20 065 239	12 664 593	25 343	-	-	114 922	12 804 858	25.3	17 210 324.82	26.4			
ALL OTHER:																
Cargo	39	224	263	110 822	-	-	-	-	-	-	0.0	42 417.42	0.1			
Total Upbound	1 192	1 159	2 351	28 772 497	14 838 730	25 343	-	33 115	3 750 735	18 647 923	36.8	31 089 376.73	47.7			
DOWNBOUND:																
OCEAN:																
Cargo	495	66	561	7 697 036	1 430 047	5 182 946	211 044	9 758	242 522	7 076 317	14.0	9 538 412.04	14.6			
Tanker	42	20	62	564 989	333 442	-	-	-	-	333 442	0.7	541 371.97	0.8			
Total Ocean	537	86	623	8 262 025	1 763 489	5 182 946	211 044	9 758	242 522	7 409 759	14.6	10 079 784.01	15.5			
LAKER:																
Cargo	1 064	80	1 144	17 892 341	9 761 712	14 000 551	-	72	8 359	23 770 694	46.9	22 782 836.78	35.0			
Tug and Barge	12	60	72	182 806	46 435	-	-	-	987	47 422	0.1	94 403.13	0.1			
Tanker	105	53	158	893 362	769 444	-	-	-	-	769 444	1.5	1 040 968.03	1.6			
Total Laker	1 181	193	1 374	18 968 509	10 577 591	14 000 551	-	72	9 346	24 587 560	48.5	23 918 207.94	36.7			
ALL OTHER:																
Cargo	40	201	241	287 664	8 020	-	-	-	-	8 020	0.0	70 443.21	0.1			
Total Downbound	1 758	480	2 238	27 518 198	12 349 100	19 183 497	211 044	9 830	251 868	32 005 339	63.2	34 068 435.16	52.3			
TOTALS:																
OCEAN:																
Cargo	932	210	1 142	15 684 356	3 104 090	5 182 946	211 044	42 873	3 878 335	12 419 288	24.5	22 726 949.83	34.9			
Tanker	98	30	128	1 174 105	833 536	-	-	-	-	833 536	1.6	1 189 468.67	1.8			
Total Ocean	1 030	240	1 270	16 858 461	3 937 626	5 182 946	211 044	42 873	3 878 335	13 252 824	26.2	23 916 418.50	36.7			
LAKER:																
Cargo	1 610	744	2 354	36 865 940	21 780 331	14 020 896	-	72	123 281	35 924 580	70.9	39 019 649.78	59.9			
Tug and Barge	64	78	142	363 698	225 324	4 998	-	-	987	231 309	0.5	304 830.45	0.5			
Tanker	167	152	319	1 804 110	1 236 529	-	-	-	-	1 236 529	2.4	1 804 052.53	2.8			
Total Laker	1 841	974	2 815	39 033 748	23 242 184	14 025 894	-	72	124 268	37 392 418	73.8	41 128 532.76	63.1			
ALL OTHER:																
Cargo	79	425	504	398 486	8 020	-	-	-	-	8 020	0.0	112 860.63	0.2			
GRAND TOTAL	2 950	1 639	4 589	56 290 695	27 187 830	19 208 840	211 044	42 945	4 002 603	50 653 262	100.0	65 157 811.89	100.0			

TRAFFIC BY TYPE OF TRANSIT AND TYPE OF VESSEL
1987

Table 4C

ST. LAWRENCE SEAWAY

TYPE OF TRANSIT AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE	
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$
UPBOUND:												
OVERSEAS:												
Cargo	420	93	513	7 237 188	1 465 077	-	-	32 832	3 731 347	5 229 256	10.3	13 183 869.96
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	0.0
Tanker	39	3	42	404 780	369 306	-	-	-	-	369 306	0.7	503 565.19
Total Overseas	459	96	555	7 641 968	1 834 383	-	-	32 832	3 731 347	5 598 562	11.1	13 687 435.15
INLAND:												
Cargo	520	691	1 211	18 833 026	11 506 628	20 345	-	283	19 388	11 546 644	22.8	15 662 079.70
Tug and Barge	51	17	68	179 538	178 408	4 998	-	-	-	183 406	0.4	207 577.55
Tanker	60	95	155	888 567	448 122	-	-	-	-	448 122	0.9	710 786.57
Total Inland	631	803	1 434	19 901 131	12 133 158	25 343	-	283	19 388	12 178 172	24.0	16 580 443.82
COASTAL:												
Cargo	43	24	67	890 705	720 957	-	-	-	-	720 957	1.4	579 401.13
Tug and Barge	1	3	4	7 868	481	-	-	-	-	481	0.0	7 637.15
Tanker	19	11	30	226 517	149 751	-	-	-	-	149 751	0.3	196 829.44
Total Coastal	63	38	101	1 125 090	871 189	-	-	-	-	871 189	1.7	783 867.72
NON-CARGO:												
Tug	-	143	143	28 255	-	-	-	-	-	-	0.0	11 412.53
All Other	39	79	118	76 053	-	-	-	-	-	-	0.0	26 217.51
Total Non-Cargo	39	222	261	104 308	-	-	-	-	-	-	0.0	37 630.04
Total Upbound	1 192	1 159	2 351	28 772 497	14 838 730	25 343	-	33 115	3 750 735	18 647 923	36.8	31 089 376.73
DOWNBOUND:												
OVERSEAS:												
Cargo	485	41	526	7 394 915	1 298 224	5 274 361	211 044	9 830	244 478	7 037 937	13.9	9 471 521.00
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	0.0
Tanker	28	14	42	398 916	242 996	-	-	-	-	242 996	0.5	418 090.21
Total Overseas	513	55	568	7 793 831	1 541 220	5 274 361	211 044	9 830	244 478	7 280 933	14.4	9 889 611.21
INLAND:												
Cargo	1 035	88	1 123	17 498 923	9 637 074	13 537 199	-	-	6 403	23 180 676	45.8	22 092 892.82
Tug and Barge	12	57	69	176 059	46 435	-	-	-	987	47 422	0.1	91 699.18
Tanker	99	49	148	815 825	716 007	-	-	-	-	716 007	1.4	937 700.79
Total Inland	1 146	194	1 340	18 490 807	10 399 516	13 537 199	-	-	7 390	23 944 105	47.3	23 122 292.79
COASTAL:												
Cargo	39	17	56	695 539	256 461	371 937	-	-	-	628 398	1.2	756 835.00
Tug and Barge	2	3	5	13 261	8 020	-	-	-	-	8 020	0.0	18 796.13
Tanker	20	10	30	243 610	143 883	-	-	-	-	143 883	0.3	226 549.00
Total Coastal	61	30	91	952 410	408 364	371 937	-	-	-	780 301	1.5	1 002 180.13
NON-CARGO:												
Tug	-	90	90	22 075	-	-	-	-	-	-	0.0	4 918.65
All Other	38	111	149	259 075	-	-	-	-	-	-	0.0	49 432.38
Total Non-Cargo	38	201	239	281 150	-	-	-	-	-	-	0.0	54 351.03
Total Downbound	1 758	480	2 238	27 518 198	12 349 100	19 183 497	211 044	9 830	251 868	32 005 339	63.2	34 068 435.16
GRAND TOTAL	2 950	1 639	4 589	56 290 695	27 187 830	19 208 840	211 044	42 945	4 002 603	50 653 262	100.0	65 157 811.89

TRAFFIC BY ORIGIN AND DESTINATION
1987

Table 5C

ST. LAWRENCE SEAWAY														
ORIGIN AND DESTINATION (1)	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE				
	Loaded	Ball			Bulk	Grains	Govt. Aid	Containers	General	Total	%	REVENUE		
			Total									\$	%	
UPBOUND:	Canada - Canada	319	640	959	9 767 221	5 947 242	2 499	-	-	-	5 949 741	11.7	7 117 626.76	10.9
	Canada - U.S.A.	367	347	714	10 653 053	6 720 863	22 844	-	-	9 423	6 753 130	13.3	9 875 389.48	15.2
	Foreign - Canada	108	26	134	1 716 075	1 159 612	-	-	13 337	985 902	2 158 851	4.3	1 750 386.74	2.7
	Total Canada	794	1 013	1 807	22 136 349	13 827 717	25 343	-	13 337	995 325	14 861 722	29.3	18 743 402.98	28.8
	U.S.A. - Canada	32	44	76	534 155	326 926	-	-	-	-	326 926	0.6	289 753.07	0.4
	U.S.A. - U.S.A.	18	32	50	188 735	20 893	-	-	-	-	20 893	0.0	134 703.62	0.2
	Foreign - U.S.A.	348	70	418	5 913 258	663 194	-	-	19 778	2 755 410	3 438 382	6.8	11 921 517.06	18.3
	Total U.S.A.	398	146	544	6 636 148	1 011 013	-	-	19 778	2 755 410	3 786 201	7.5	12 345 973.75	18.9
	Total Upbound	1 192	1 159	2 351	28 772 497	14 838 730	25 343	-	33 115	3 750 735	18 647 923	36.8	31 089 376.73	47.7
	DOWNBOUND:	Canada - Canada	746	297	1 043	11 431 119	2 215 614	12 584 830	-	-	-	14 800 444	29.2	16 391 508.07
Canada - U.S.A.		57	13	70	559 462	538 635	15 338	-	-	-	553 973	1.1	554 899.98	0.9
Canada - Foreign		137	40	177	2 298 243	657 341	1 262 410	646	6 941	175 116	2 102 454	4.2	2 461 779.46	3.8
Total Canada		940	350	1 290	14 288 824	3 411 590	13 862 578	646	6 941	175 116	17 456 871	34.5	19 408 187.51	29.8
U.S.A. - Canada		429	82	511	7 614 207	8 025 870	1 308 968	-	-	7 390	9 342 228	18.4	7 172 528.43	11.0
U.S.A. - U.S.A.		13	33	46	119 579	34 030	-	-	-	-	34 030	0.1	59 887.47	0.1
U.S.A. - Foreign		376	15	391	5 495 588	877 610	4 011 951	210 398	2 889	69 362	5 172 210	10.2	7 427 831.75	11.4
Total U.S.A.		818	130	948	13 229 374	8 937 510	5 320 919	210 398	2 889	76 752	14 548 468	28.7	14 660 247.65	22.5
Total Downbound		1 758	480	2 238	27 518 198	12 349 100	19 183 497	211 044	9 830	251 868	32 005 339	63.2	34 068 435.16	52.3
TOTALS:		Canada - Canada	1 065	937	2 002	21 198 340	8 162 856	12 587 329	-	-	-	20 750 185	41.0	23 509 134.83
	Canada - U.S.A.	424	360	784	11 212 515	7 259 498	38 182	-	-	9 423	7 307 103	14.4	10 430 289.46	16.0
	Canada - Foreign	137	40	177	2 298 243	657 341	1 262 410	646	6 941	175 116	2 102 454	4.2	2 461 779.46	3.8
	Foreign - Canada	108	26	134	1 716 075	1 159 612	-	-	13 337	985 902	2 158 851	4.3	1 750 386.74	2.7
	Total Canada	1 734	1 363	3 097	36 425 173	17 239 307	13 887 921	646	20 278	1 170 441	32 318 593	63.8	38 151 590.49	58.6
	U.S.A. - Canada	461	126	587	8 148 362	8 352 796	1 308 968	-	-	7 390	9 669 154	19.1	7 462 281.50	11.5
	U.S.A. - U.S.A.	31	65	96	308 314	54 923	-	-	-	-	54 923	0.1	194 591.09	0.3
	U.S.A. - Foreign	376	15	391	5 495 588	877 610	4 011 951	210 398	2 889	69 362	5 172 210	10.2	7 427 831.75	11.4
	Foreign - U.S.A.	348	70	418	5 913 258	663 194	-	-	19 778	2 755 410	3 438 382	6.8	11 921 517.06	18.3
	Total U.S.A.	1 216	276	1 492	19 865 522	9 948 523	5 320 919	210 398	22 667	2 832 162	18 334 669	36.2	27 006 221.40	41.4
GRAND TOTAL	2 950	1 639	4 589	56 290 695	27 187 830	19 208 840	211 044	42 945	4 002 603	50 653 262	100.0	65 157 811.89	100.0	

(1) Origin and destination means country in which transit originated and terminated.

TRAFFIC BY TYPE OF CARGO
1987

Table 6C

ST. LAWRENCE SEAWAY													
TYPE OF CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
	Loaded	Ball Total			Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:													
Bulk	827	-	827	11 036 864	14 644 527	-	-	-	-	14 644 527	28.9	16 763 565.89	25.7
Grains	4	-	4	21 466	-	25 343	-	-	-	25 343	0.1	31 645.15	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers	2	-	2	14 079	-	-	-	978	-	978	0.0	4 954.54	0.0
General	248	-	248	3 483 632	-	-	-	-	3 009 566	3 009 566	5.9	8 725 298.53	13.4
Mixed	72	-	72	1 050 661	194 203	-	-	32 137	741 169	967 509	1.9	2 419 637.31	3.7
Passengers	39	-	39	12 884	-	-	-	-	-	-	0.0	13 878.30	0.0
In Ballast	-	96	96	1 366 528	-	-	-	-	-	-	0.0	382 445.86	0.6
- Overseas	-	803	803	11 403 981	-	-	-	-	-	-	0.0	2 652 880.86	4.1
- Inland	-	38	38	290 978	-	-	-	-	-	-	0.0	71 318.55	0.1
- Coastal	-	222	222	91 424	-	-	-	-	-	-	0.0	23 751.74	0.0
- Non-Cargo	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Upbound	1 192	1 159	2 351	28 772 497	14 838 730	25 343	-	33 115	3 750 735	18 647 923	36.8	31 089 376.73	47.7
DOWNBOUND:													
Bulk	686	-	686	9 467 741	12 157 801	-	-	-	-	12 157 801	24.0	10 687 979.28	16.4
Grains	822	-	822	12 668 103	-	16 890 499	-	-	-	16 890 499	33.3	18 902 422.27	29.0
Government Aid	4	-	4	40 692	-	-	30 618	-	-	30 618	0.1	44 860.02	0.1
Containers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
General	40	-	40	366 574	-	-	-	-	164 025	164 025	0.3	499 637.21	0.8
Mixed	168	-	168	2 374 986	191 299	2 292 998	180 426	9 830	87 843	2 762 396	5.5	3 439 912.45	5.3
Passengers	38	-	38	12 907	-	-	-	-	-	-	0.0	14 138.49	0.0
In Ballast	-	55	55	554 061	-	-	-	-	-	-	0.0	97 552.28	0.1
- Overseas	-	194	194	1 484 709	-	-	-	-	-	-	0.0	295 140.96	0.5
- Inland	-	30	30	280 182	-	-	-	-	-	-	0.0	46 579.66	0.1
- Coastal	-	201	201	268 243	-	-	-	-	-	-	0.0	40 212.54	0.1
- Non-Cargo	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Downbound	1 758	480	2 238	27 518 198	12 349 100	19 183 497	211 044	9 830	251 868	32 005 339	63.2	34 068 435.16	52.3
TOTALS:													
Bulk	1 513	-	1 513	20 504 605	26 802 328	-	-	-	-	26 802 328	52.9	27 451 545.17	42.1
Grains	826	-	826	12 689 569	-	16 915 842	-	-	-	16 915 842	33.4	18 934 067.42	29.1
Government Aid	4	-	4	40 692	-	-	30 618	-	-	30 618	0.1	44 860.02	0.1
Containers	2	-	2	14 079	-	-	-	978	-	978	0.0	4 954.54	0.0
General	288	-	288	3 850 206	-	-	-	-	3 173 591	3 173 591	6.3	9 224 935.74	14.2
Mixed	240	-	240	3 425 647	385 502	2 292 998	180 426	41 967	829 012	3 729 905	7.4	5 859 549.76	9.0
Passengers	77	-	77	25 791	-	-	-	-	-	-	0.0	28 016.79	0.0
In Ballast	-	151	151	1 920 589	-	-	-	-	-	-	0.0	479 998.14	0.7
- Overseas	-	997	997	12 888 690	-	-	-	-	-	-	0.0	2 948 021.82	4.5
- Inland	-	68	68	571 160	-	-	-	-	-	-	0.0	117 898.21	0.2
- Coastal	-	423	423	359 667	-	-	-	-	-	-	0.0	63 964.28	0.1
- Non-Cargo	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	2 950	1 639	4 589	56 290 695	27 187 830	19 208 840	211 044	42 945	4 002 603	50 653 262	100.0	65 157 811.89	100.0

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1987

UPBOUND

Table 7C Part A

TYPE OF TRANSIT AND CARGO			VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE		
			Loaded	Ball			Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
				Total											
OVERSEAS:			140	-	140	1 751 055	1 640 180	-	-	-	-	1 640 180	3.2	2 200 167.79	3.4
Bulk		-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Grains		-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Government Aid		2	-	2	14 079	-	-	-	-	978	-	978	0.0	4 954.54	0.0
Containers		246	-	246	3 471 749	-	-	-	-	-	3 000 143	3 000 143	5.9	8 698 719.04	13.4
General		71	-	71	1 038 557	194 203	-	-	-	31 854	731 204	957 261	1.9	2 401 147.92	3.7
Mixed		-	96	96	1 366 528	-	-	-	-	-	-	-	0.0	382 445.86	0.6
In Ballast		-	-	-	-	-	-	-	-	-	-	-	0.0	-	-
Total Overseas		459	96	555	7 641 968	1 834 383	-	-	-	32 832	3 731 347	5 598 562	11.1	13 687 435.15	21.0
INLAND:			624	-	624	8 451 697	12 133 158	-	-	-	-	12 133 158	24.0	13 850 848.93	21.3
Bulk		4	-	4	21 466	-	25 343	-	-	-	-	25 343	0.1	31 645.15	0.0
Grains		-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Government Aid		-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers		-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
General		2	-	2	11 883	-	-	-	-	9 423	9 423	9 423	0.0	26 579.49	0.0
Mixed		1	-	1	12 104	-	-	-	-	283	9 965	10 248	0.0	18 489.39	0.0
In Ballast		-	803	803	11 403 981	-	-	-	-	-	-	-	0.0	2 652 880.86	4.1
Total Inland		631	803	1 434	19 901 131	12 133 158	25 343	-	-	283	19 388	12 178 172	24.0	16 580 443.82	25.4
COASTAL:			63	-	63	834 112	871 189	-	-	-	-	871 189	1.7	712 549.17	1.1
Bulk		-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Grains		-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Government Aid		-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers		-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
General		-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Mixed		-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
In Ballast		-	38	38	290 978	-	-	-	-	-	-	-	0.0	71 318.55	0.1
Total Coastal		63	38	101	1 125 090	871 189	-	-	-	-	-	871 189	1.7	783 867.72	1.2
NON-CARGO:			39	222	261	104 308	-	-	-	-	-	-	0.0	37 630.04	0.1
Total Upbound		1 192	1 159	2 351	28 772 497	14 838 730	25 343	-	-	33 115	3 750 735	18 647 923	36.8	31 089 376.73	47.7

DOWNBOUND

ST. LAWRENCE SEAWAY

17

TRAFFIC BY COUNTRY OF REGISTRY
1987

Table 8C

COUNTRY OF REGISTRY	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	REVENUE	
												\$	%
Canada	1 833	1 227	3 060	22 518 859	14 009 465	-	-	72	124 368	36 652 764	72.4	40 598 124.28	62.3
United States	96	161	257	705 878	16 429	-	-	-	51 904	774 211	1.5	829 845.88	1.3
England	7	6	13	4 013	74 660	-	-	766	49 394	128 833	0.3	236 961.25	0.4
Baltic Countries	-	-	-	-	-	-	-	-	-	-	-	0.00	0.0
Belgium	2	-	2	-	25 545	-	-	125	24 794	50 464	0.1	97 346.26	0.1
Denmark	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Norway	2	-	2	7 983	-	-	-	-	-	7 983	0.0	0.00	0.0
Sweden	7	1	8	11 658	15 530	-	-	-	23 323	50 511	0.1	15 618.58	0.0
Finland	5	3	8	32 736	-	-	-	-	5 271	38 007	0.1	108 529.96	0.2
France	4	-	4	67 940	36 895	-	-	-	18 018	73 113	0.1	73 940.48	0.1
West Germany	3	1	4	18 200	-	-	-	-	120 512.76	0.2	-	120 512.76	0.2
Greece	111	27	138	6 431	-	-	-	-	9 936	16 367	0.0	46 116.76	0.1
Italy	27	138	2 001 780	393 243	651 446	75 657	4 959	398 367	1 523 672	3.0	2 689 023.18	4.1	
Poland	10	-	10	74 047	51 733	-	-	27 914	153 694	0.3	251 134.31	0.4	
Russia	48	14	62	-	515 404	-	-	297 606	813 010	1.6	1 525 632.45	2.3	
Russia	7	5	12	-	22 442	-	-	4 250	26 692	0.1	72 185.92	0.1	
Spain	20	2	22	122 510	8 088	-	-	30 518	161 116	0.3	317 742.54	0.5	
Yugoslavia	65	10	75	206 333	557 364	-	-	2 607	366 272	2.2	2 056 952.82	3.2	
Iceland	12	-	12	68 065	-	-	-	-	1 472	69 537	0.1	126 395.84	0.2
Cuba	2	2	4	-	-	-	-	-	-	30 640	0.1	31 365.88	0.0
Panama	183	45	228	30 640	847 542	45 740	2 442	648 988	2 223 279	4.4	3 906 246.37	6.0	
West Indies	12	2	14	678 567	63 773	5 627	-	82 704	162 355	0.3	337 853.60	0.5	
British W. Indies and Bermuda	63	24	87	10 251	299 718	-	-	2 606	214 043	707 432	1.4	1 344 775.90	2.1
Central America	3	1	4	191 065	2 959	-	-	-	448	9 907	0.0	16 373.34	0.0
Brazil	-	-	-	6 500	-	-	-	-	-	-	0.0	0.00	0.0
Venezuela	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Peru	1	2	3	4 497	-	-	-	-	1 673	9 216	0.0	20 034.11	0.0
China (Nationalist)	-	-	-	-	-	3 046	-	-	-	-	0.0	0.00	0.0
India	32	4	36	44 042	270 410	7 181	48	167 119	488 800	1.0	912 772.23	1.4	
Japan	21	6	27	85 143	98 030	-	955	71 571	255 699	0.5	470 968.67	0.7	
Middle East	126	49	175	588 176	531 865	32 458	9 729	462 669	1 624 897	3.2	2 894 203.55	4.4	
Israel	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Turkey	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Other Asia	64	19	83	295 300	277 584	5 102	870	235 704	814 560	1.6	1 419 013.89	2.2	
Liberia	186	23	209	1 041 485	753 857	36 119	17 766	609 148	2 458 375	4.9	4 244 115.01	6.5	
Algeria	6	1	7	-	-	-	-	17 329	17 329	0.0	51 993.70	0.1	
French Africa	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Other	19	4	23	42 208	78 101	114	-	57 800	178 223	0.4	342 032.37	0.5	
GRAND TOTAL	2 950	1 639	4 589	27 187 830	19 208 840	211 044	42 945	4 002 603	50 653 262	100.0	65 157 811.89	100.0	

TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
1987

Table 9C

ST. LAWRENCE SEAWAY

COMMODITY	CARGO TONNES						% OF TOTAL
	Bulk	Grains	Govt. Aid	Containers	General	Total	
Wheat	-	12 905 489	-	-	-	12 905 489	25.5
Corn	-	2 272 147	-	-	-	2 272 147	4.5
Rye	-	34 100	-	-	-	34 100	0.1
Oats	-	109 963	-	-	-	109 963	0.2
Barley	-	1 473 230	-	-	-	1 473 230	2.9
Flour, Wheat	-	-	8 599	-	-	8 599	0.0
Flour, Edible, Other	25 470	-	24 712	22	2	50 206	0.1
Soybeans	-	1 274 013	-	-	-	1 274 013	2.5
Soybean Oil, Cake and Meal	5 464	-	-	40	-	5 504	0.0
Beans and Peas	-	227 864	-	-	-	227 864	0.4
Malt	-	16 246	-	-	-	16 246	0.0
Flaxseed	-	374 843	-	-	-	374 843	0.7
Sunflower Seeds	-	131 637	-	-	-	131 637	0.3
Other Agricultural Products	16 041	389 308	49 067	474	80	454 970	0.9
Total Agricultural Products	46 975	19 208 840	82 378	536	82	19 338 811	38.2
Packing House Products, Edible	4 986	-	-	518	4	5 508	0.0
Hides, Skins and Pelts	-	-	-	-	2	2	0.0
Other Animal Products	49 023	-	-	442	7	49 472	0.1
Total Animal Products	54 009	-	-	960	13	54 982	0.1
Bituminous Coal	5 644 283	-	-	-	-	5 644 283	11.1
Coke	874 069	-	-	-	-	874 069	1.7
Iron Ore	10 505 077	-	-	-	-	10 505 077	20.7
Aluminum Ore and Concentrates	169 584	-	-	-	-	169 584	0.3
Clay and Bentonite	164 766	-	-	-	-	164 766	0.3
Gravel and Sand	89 372	-	-	-	-	89 372	0.2
Stone, Ground or Crushed	889 303	-	-	-	-	889 303	1.8
Stone, Rough	-	-	-	21	-	21	0.0
Petroleum, Crude	-	-	-	-	-	-	0.0
Salt	1 766 446	-	-	-	-	1 766 446	3.5
Phosphate Rock	47 223	-	-	-	-	47 223	0.1
Sulphur	-	-	-	-	-	-	0.0
Other Mine Products	1 546 692	-	-	417	961	1 548 070	3.1
Total Mine Products	21 696 815	-	-	438	961	21 698 214	42.8
Pulpwood	2 357	-	-	-	-	2 357	0.0
Other Forest Products	-	-	-	256	8 374	8 630	0.0
Total Forest Products	2 357	-	-	256	8 374	10 987	0.0
Gasoline	182 409	-	-	-	-	182 409	0.4
Fuel Oil	657 382	-	-	-	-	657 382	1.3
Lubricating Oils and Greases	66 317	-	-	-	7	66 324	0.1
Petroleum Products, Other	213 594	-	-	-	106	213 700	0.4
Rubber, Crude, Natural, Synthetic	-	-	-	-	505	505	0.0
Chemicals	931 749	-	-	1 312	293	933 354	1.8
Sodium Products	196 095	-	-	135	21	196 251	0.4
Tar, Pitch and Creosote	49 026	-	-	-	14	49 040	0.1
Pig Iron	124 355	-	-	-	-	124 355	0.2
Iron and Steel, Bars, Rods, Slabs	-	-	-	322	972 074	972 396	1.9
Iron and Steel, Nails and Wire	-	-	-	1 394	6 633	8 027	0.0
Iron and Steel, Manufactured	-	-	-	3 352	2 630 628	2 633 980	5.2
Machinery and Machines	521	-	-	7 607	62 853	70 981	0.1
Cement	681 962	-	-	121	-	682 083	1.3
Woodpulp	139 872	-	-	-	-	139 872	0.3
Newsprint	-	-	-	-	3 250	3 250	0.0
Syrup and Molasses	3 300	-	-	-	-	3 300	0.0
Sugar	448 111	-	-	64	-	448 175	0.9
Food Products	-	-	34 260	1 131	74	35 465	0.1
Scrap Iron and Steel	472 147	-	-	-	-	472 147	0.9
Other Manufactures and Misc. (1)	1 220 834	-	94 406	25 317	316 715	1 657 272	3.3
Total Manufactures and Misc.	5 387 674	-	128 666	40 755	3 993 173	9 550 268	18.9
GRAND TOTAL	27 187 830	19 208 840	211 044	42 945	4 002 603	50 653 262	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1987

Table 10C Part A

ST. LAWRENCE SEAWAY

NO.	COMMODITY	From: To:	UPBOUND TONNES						TOTAL UPBOUND	% OF TOTAL UP- BOUND
			Canada		United States		Foreign			
			Canada	United States	Canada	United States	Canada	United States		
1	Wheat		-	20 345	-	-	-	-	20 345	0.1
2	Corn		2 499	2 499	-	-	-	-	4 998	0.0
3	Rye		-	-	-	-	-	-	-	0.0
4	Oats		-	-	-	-	-	-	-	0.0
5	Barley		-	-	-	-	-	-	-	0.0
6	Flour, Wheat		-	-	-	-	-	-	-	0.0
7	Flour, Edible, Other		25 470	-	-	-	-	-	25 470	0.1
8	Soybeans		-	-	-	-	-	-	-	0.0
9	Soybean Oil, Cake and Meal		-	-	-	-	-	40	40	0.0
10	Beans and Peas		-	-	-	-	-	-	-	0.0
11	Malt		-	-	-	-	-	-	-	0.0
12	Flaxseed		-	-	-	-	-	-	-	0.0
13	Sunflower Seeds		-	-	-	-	-	-	-	0.0
14	Other Agricultural Products		-	-	-	-	9 376	58	9 434	0.1
15	Total Agricultural Products		27 969	22 844	-	-	9 376	98	60 287	0.3
16	Packing House Products, Edible		-	-	-	-	-	506	506	0.0
17	Hides, Skins and Pelts		-	-	-	-	1	-	1	0.0
18	Other Animal Products		-	-	-	-	29	288	317	0.0
19	Total Animal Products		-	-	-	-	30	794	824	0.0
20	Bituminous Coal		-	-	-	-	-	-	-	0.0
21	Coke		-	84 384	-	-	-	-	84 384	0.5
22	Iron Ore		4 871 405	4 708 313	-	-	-	53 753	9 633 471	51.7
23	Aluminum Ore and Concentrates		-	-	-	-	146 528	23 056	169 584	0.9
24	Clay and Bentonite		-	-	-	-	-	5 753	5 753	0.0
25	Gravel and Sand		-	-	-	-	-	-	-	0.0
26	Stone, Ground or Crushed		-	622 843	-	20 412	-	-	643 255	3.4
27	Stone, Rough		-	-	-	-	21	-	21	0.0
28	Petroleum, Crude		-	-	-	-	-	-	-	0.0
29	Salt		-	20 586	-	-	-	-	20 586	0.1
30	Phosphate Rock		-	-	47 223	-	-	-	47 223	0.3
31	Sulphur		-	-	-	-	-	-	-	0.0
32	Other Mine Products		681 381	44 009	28 606	-	138 728	130 426	1 023 150	5.5
33	Total Mine Products		5 552 786	5 480 135	75 829	20 412	285 277	212 988	11 627 427	62.4
34	Pulpwood		-	-	-	-	-	2 357	2 357	0.0
35	Other Forest Products		-	-	-	-	5 695	108	5 803	0.0
36	Total Forest Products		-	-	-	-	5 695	2 465	8 160	0.0
37	Gasoline		45 698	6 754	27 170	-	48 528	-	128 150	0.7
38	Fuel Oil		143 307	137 161	-	-	18 464	-	298 932	1.6
39	Lubricating Oils and Greases		9 354	-	30 347	-	20 118	-	59 819	0.3
40	Petroleum Products, Other		91 831	9 037	12 443	-	36 014	1 300	150 625	0.8
41	Rubber, Crude, Natural, Synthetic		-	-	-	-	-	-	-	0.0
42	Chemicals		9 444	12 229	108 175	-	201 096	161 619	492 563	2.6
43	Sodium Products		-	-	36 692	-	-	101	36 793	0.2
44	Tar, Pitch and Creosote		-	-	-	-	-	-	-	0.0
45	Pig Iron		21 551	100 263	-	-	-	2 541	124 355	0.7
46	Iron and Steel, Bars, Rods, Slabs		-	-	-	-	542 394	419 810	962 204	5.2
47	Iron and Steel, Nails and Wire		-	-	-	-	985	6 935	7 920	0.0
48	Iron and Steel, Manufactured		-	5 363	-	-	400 782	2 085 312	2 491 457	13.4
49	Machinery and Machines		40	-	-	481	11 899	38 433	50 853	0.3
50	Cement		20 313	429 480	-	-	121	87 841	537 755	2.9
51	Woodpulp		-	-	-	-	20 274	80 284	100 558	0.5
52	Newsprint		-	-	-	-	-	-	-	0.0
53	Syrup and Molasses		3 300	-	-	-	-	-	3 300	0.0
54	Sugar		-	-	-	-	440 151	8 024	448 175	2.4
55	Food Products		-	-	-	-	692	249	941	0.0
56	Scrap Iron and Steel		-	127 795	-	-	-	-	127 795	0.7
57	Other Manufactures and Misc. (1)		24 148	422 069	36 270	-	116 955	329 588	929 030	5.0
58	Total Manufactures and Misc.		368 986	1 250 151	251 097	481	1 858 473	3 222 037	6 951 225	37.3
59	GRAND TOTAL		5 949 741	6 753 130	326 926	20 893	2 158 851	3 438 382	18 647 923	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1987

Table 10C Part B

ST. LAWRENCE SEAWAY

ST. LAWRENCE SEAWAY

DOWNBOUND TONNES						TOTAL DOWNBOUND	% OF TOTAL DOWN- BOUND	GRAND TOTALS		No.
From: Canada			United States					TOTAL CARGO TONNES	% OF TOTAL	
To: Canada	United States	Foreign	Canada	United States	Foreign					
10 871 235	-	298 063	174 221	-	1 541 625	12 885 144	40.3	12 905 489	25.5	1
412 700	-	54 086	753 434	-	1 046 929	2 267 149	7.1	2 272 147	4.5	2
-	-	28 893	-	-	5 207	34 100	0.1	34 100	0.1	3
41 580	15 338	38 794	14 251	-	-	109 963	0.3	109 963	0.2	4
1 008 599	-	-	228 606	-	236 025	1 473 230	4.6	1 473 230	2.9	5
-	-	100	-	-	8 499	8 599	0.0	8 599	0.0	6
-	-	24	-	-	24 712	24 736	0.1	50 206	0.1	7
62 661	-	85 602	138 456	-	987 294	1 274 013	4.0	1 274 013	2.5	8
5 464	-	-	-	-	-	5 464	0.0	5 504	0.0	9
-	-	198 288	-	-	29 576	227 864	0.7	227 864	0.4	10
11 016	-	5 138	-	-	92	16 246	0.1	16 246	0.0	11
3 435	-	371 408	-	-	-	374 843	1.2	374 843	0.7	12
-	-	-	-	-	131 637	131 637	0.4	131 637	0.3	13
173 604	-	182 171	-	-	89 761	445 536	1.4	454 970	0.9	14
12 590 294	15 338	1 262 567	1 308 968	-	4 101 357	19 278 524	60.2	19 338 811	38.2	15
-	-	3 008	-	-	1 994	5 002	0.0	5 508	0.0	16
-	-	1	-	-	-	-	0.0	2	0.0	17
-	-	33 174	-	-	15 981	49 155	0.2	49 472	0.1	18
-	-	36 183	-	-	17 975	54 158	0.2	54 982	0.1	19
59 626	-	-	5 559 729	-	24 928	5 644 283	17.6	5 644 283	11.1	20
111 704	-	-	536 249	-	141 732	789 685	2.5	874 069	1.7	21
-	-	-	871 606	-	-	871 606	2.7	10 505 077	20.7	22
-	-	-	-	-	-	-	0.0	169 584	0.3	23
-	-	-	105 111	-	53 902	159 013	0.5	164 766	0.3	24
-	-	-	89 372	-	-	89 372	0.3	89 372	0.2	25
-	-	-	231 637	14 411	-	246 048	0.8	889 303	1.8	26
-	-	-	-	-	-	-	0.0	21	0.0	27
-	-	-	-	-	-	-	0.0	-	0.0	28
1 241 999	104 657	21 455	358 130	19 619	-	1 745 860	5.5	1 766 446	3.5	29
-	-	-	-	-	-	-	0.0	47 223	0.1	30
-	-	-	-	-	-	-	0.0	-	0.0	31
140 938	36 093	155 328	188 047	-	4 514	524 920	1.6	1 548 070	3.1	32
1 554 267	140 750	176 783	7 939 881	34 030	225 076	10 070 787	31.5	21 698 214	42.8	33
-	-	-	-	-	-	-	0.0	2 357	0.0	34
-	-	1 501	6	-	1 320	2 827	0.0	8 630	0.0	35
-	-	1 501	6	-	1 320	2 827	0.0	10 987	0.0	36
42 296	-	-	11 963	-	-	54 259	0.2	182 409	0.4	37
225 694	127 827	-	4 929	-	-	358 450	1.1	657 382	1.3	38
-	-	7	6 498	-	-	6 505	0.0	66 324	0.1	39
47 093	4 750	11 155	25	-	52	63 075	0.2	213 700	0.4	40
-	-	505	-	-	-	505	0.0	505	0.0	41
129 628	119 623	177 050	7 129	-	7 361	440 791	1.4	933 354	1.8	42
159 403	-	21	-	-	34	159 458	0.5	196 251	0.4	43
26 094	-	10	22 932	-	4	49 040	0.2	49 040	0.1	44
-	-	-	-	-	-	-	0.0	124 355	0.2	45
-	-	10 133	-	-	59	10 192	0.0	972 396	1.9	46
-	-	91	-	-	16	107	0.0	8 027	0.0	47
-	-	115 419	5 905	-	21 199	142 523	0.4	2 633 980	5.2	48
-	-	11 955	987	-	7 186	20 128	0.1	70 981	0.1	49
-	144 328	-	-	-	-	144 328	0.5	682 083	1.3	50
-	-	39 314	-	-	-	39 314	0.1	139 872	0.3	51
-	-	3 250	-	-	-	3 250	0.0	3 250	0.0	52
-	-	-	-	-	-	-	0.0	3 300	0.0	53
-	-	584	31	-	33 909	34 524	0.1	448 175	0.9	54
27	-	140 207	-	-	204 118	344 352	1.1	35 465	0.1	55
25 648	1 357	115 719	32 974	-	552 544	728 242	2.3	472 147	0.9	56
655 883	397 885	625 420	93 373	-	826 482	2 599 043	8.1	1 657 272	3.3	57
14 800 444	553 973	2 102 454	9 342 228	34 030	5 172 210	32 005 339	100.0	50 653 262	100.0	59

TRAFFIC BY SELECTED CANADIAN PORTS
1987

Table 11C

ST. LAWRENCE SEAWAY

PORT OR AREA (2)		Ship- ments	CARGO TONNES (1)					
			Bulk	Grains	Govt. Aid	Containers	General	Total
INBOUND:								
Baie Comeau	90	32 647	2 046 419	-	-	-	2 079 066	3.3
Contrecoeur	3	56 818	-	-	-	-	56 818	0.1
Cornwall	21	86 563	-	-	-	283	86 846	0.1
Goderich	-	-	-	-	-	-	-	0.0
Halifax	13	-	316 524	-	-	-	316 524	0.5
Hamilton	516	9 514 831	207 576	-	89	579 417	10 301 913	16.4
Humberstone	-	-	-	-	-	-	-	0.0
Kingston	2	39 978	-	-	-	-	39 978	0.1
Montreal	180	740 177	2 669 174	-	-	987	3 410 338	5.4
Picton	15	366 073	-	-	-	-	366 073	0.6
Pointe Noire	4	106 162	-	-	-	-	106 162	0.2
Port Cartier	145	360 350	3 182 116	-	-	2 528	3 544 994	5.7
Prescott	16	146 025	148 682	-	-	-	294 707	0.5
Quebec City	143	171 954	2 972 401	-	-	-	3 144 355	5.0
St. Catharines	-	-	-	-	-	-	-	0.0
Sarnia	32	265 391	-	-	-	-	265 391	0.4
Sault Ste. Marie	5	20 845	-	-	-	50 598	71 443	0.1
Sept-Îles	18	233 652	24 633	-	-	3 360	261 645	0.4
Sorel	37	-	858 400	-	-	-	858 400	1.4
Thorold	34	348 309	-	-	-	201	348 510	0.6
Trois Rivières	49	46 344	871 080	-	-	-	917 424	1.5
Thunder Bay	7	18 102	-	-	-	19 981	38 083	0.1
Toronto	172	857 397	167 362	-	13 173	224 140	1 262 072	2.0
Valleyfield	50	115 376	8 520	-	75	64 344	188 315	0.3
Windsor	19	94 388	-	-	-	35 843	130 231	0.2
Windsor Area	1	6 523	-	-	-	-	6 523	0.0
Other Canada	303	4 047 359	423 410	-	-	11 610	4 482 379	7.1
Total Inbound	1 875	17 675 264	13 896 297	-	13 337	993 292	32 578 190	51.9
OUTBOUND:								
Baie Comeau	1	-	2 499	-	-	-	2 499	0.0
Contrecoeur	10	195 236	-	-	-	-	195 236	0.3
Cornwall	7	-	-	-	-	2 316	2 316	0.0
Goderich	23	496 768	36 718	-	-	-	533 486	0.9
Halifax	18	326 795	-	-	-	-	326 795	0.5
Hamilton	60	542 570	8 572	114	543	99 454	651 253	1.0
Humberstone	1	11 746	-	-	-	-	11 746	0.0
Kingston	-	-	-	-	-	-	-	0.0
Montreal	36	212 701	-	-	-	5 363	218 064	0.3
Picton	11	227 179	-	-	-	-	227 179	0.4
Pointe Noire	164	4 153 094	-	-	-	-	4 153 094	6.6
Port Cartier	54	1 355 837	-	-	-	-	1 355 837	2.2
Prescott	7	-	104 267	-	-	-	104 267	0.2
Quebec City	68	1 520 116	-	-	-	-	1 520 116	2.4
St. Catharines	-	-	-	-	-	-	-	0.0
Sarnia	115	653 170	336 126	-	-	9 371	998 667	1.6
Sault Ste. Marie	15	103 445	-	-	-	33 621	137 066	0.2
Sept-Îles	100	2 547 326	-	-	-	-	2 547 326	4.1
Sorel	23	121 814	20 345	-	-	-	142 159	0.2
Thorold	3	42 239	-	-	-	-	42 239	0.1
Trois Rivières	1	40	-	-	-	-	40	0.0
Thunder Bay	610	462 282	12 817 711	-	1 641	6 324	13 287 958	21.2
Toronto	40	52 067	11 101	17	4 398	16 530	84 113	0.1
Valleyfield	21	68 205	60	515	359	7 500	76 639	0.1
Windsor	19	33 171	225 642	-	-	-	258 813	0.4
Windsor Area	60	977 967	5 469	-	-	-	983 436	1.6
Other Canada	227	1 975 927	319 411	-	-	4 060	2 299 398	3.7
Total Outbound	1 694	16 079 695	13 887 921	646	6 941	184 539	30 159 742	48.1
GRAND TOTAL	3 569	33 754 959	27 784 218	646	20 278	1 177 831	62 737 932	100.0

(1) Tonnage figures are limited to cargo volumes moved through the Seaway lock structures.

(2) Area includes all ports or installations within a 12 1/2 mile radius of the main harbour.

TRAFFIC BY SELECTED UNITED STATES PORTS
1987

Table 12C

ST. LAWRENCE SEAWAY

PORT OR AREA (2)	Ship- ments	CARGO TONNES (1)						
		Bulk	Grains	Govt. Aid	Containers	General	Total	%
INBOUND:								
Ashtabula	33	249 611	-	-	-	7 690	257 301	1.0
Buffalo	5	-	20 345	-	-	5 847	26 192	0.1
Chicago	186	99 072	-	-	9 736	940 463	1 049 271	4.1
Cleveland	209	1 537 937	-	-	4 048	549 078	2 091 063	8.1
Conneaut	20	510 708	-	-	-	-	510 708	2.0
Detroit	231	1 109 274	-	-	3 988	753 183	1 866 445	7.3
Detroit Area	8	123 620	-	-	-	-	123 620	0.5
Duluth-Superior	20	87 440	-	-	13	27 779	115 232	0.4
Erie	22	153 977	-	-	-	17 869	171 846	0.7
Fairport	-	-	-	-	-	-	-	0.0
Gary	4	44 580	-	-	-	-	44 580	0.2
Grand Haven	-	-	-	-	-	-	-	0.0
Green Bay	14	73 642	-	-	-	262	73 904	0.3
Huron	2	24 615	-	-	-	-	24 615	0.1
Indiana-Burns Harbor	120	2 339 700	-	-	-	94 541	2 434 241	9.5
Kenosha	-	-	-	-	-	-	-	0.0
Lackawanna	-	-	-	-	-	-	-	0.0
Lorrain	5	94 425	-	-	-	-	94 425	0.4
Marquette	-	-	-	-	-	-	-	0.0
Massena	-	-	-	-	-	-	-	0.0
Milwaukee	38	49 161	-	-	1 784	51 904	102 849	0.4
Ogdensburg	5	119 740	-	-	-	-	119 740	0.5
Oswego	28	149 288	-	-	-	6 067	155 355	0.6
Saginaw	1	17 390	-	-	-	-	17 390	0.1
Sandusky	-	-	-	-	-	-	-	0.0
Toledo	92	92 049	2 499	-	209	244 031	338 788	1.3
Tonawanda	13	89 349	-	-	-	-	89 349	0.3
Trenton (Mich.)	3	71 247	-	-	-	-	71 247	0.3
Other U.S.A. Ports	91	940 790	15 338	-	-	66 119	1 022 247	4.0
Total Inbound	1 150	7 977 615	38 182	-	19 778	2 764 833	10 800 408	42.0
OUTBOUND:								
Ashtabula	54	1 348 532	-	-	-	-	1 348 532	5.2
Buffalo	4	38 408	-	-	-	229	38 637	0.2
Chicago	52	303 889	426 314	-	-	-	730 203	2.8
Cleveland	27	309 936	-	-	593	1 440	311 969	1.2
Conneaut	22	582 277	-	-	-	-	582 277	2.3
Detroit	39	355 561	-	-	-	-	355 561	1.4
Detroit Area	-	-	-	-	-	-	-	0.0
Duluth-Superior	169	304 896	2 534 473	11 923	-	47	2 851 339	11.1
Erie	5	14 653	-	-	149	2 890	17 692	0.1
Fairport	4	96 376	-	-	-	-	96 376	0.4
Gary	2	52 374	-	-	-	-	52 374	0.2
Grand Haven	15	263 607	-	-	-	-	263 607	1.0
Green Bay	17	9 105	3 788	28 653	-	4	41 550	0.2
Huron	9	-	85 025	-	-	-	85 025	0.3
Indiana-Burns Harbor	18	116 805	86 670	2 727	-	19 937	226 139	0.9
Kenosha	6	-	1 822	11 880	-	-	13 702	0.1
Lackawanna	1	5 431	-	-	-	-	5 431	0.0
Lorrain	1	11 012	-	-	-	-	11 012	0.0
Marquette	35	730 796	-	-	-	3 787	734 583	2.9
Massena	-	-	-	-	-	-	-	0.0
Milwaukee	62	82 914	486 240	155 215	1 835	4 797	731 001	2.8
Ogdensburg	7	20 412	12 494	-	-	515	33 421	0.1
Oswego	1	-	-	-	-	1 120	1 120	0.0
Saginaw	-	-	-	-	-	-	-	0.0
Sandusky	69	1 724 476	-	-	-	-	1 724 476	6.7
Toledo	201	2 009 924	1 669 770	-	312	39 885	3 719 891	14.5
Tonawanda	-	-	-	-	-	-	-	0.0
Trenton (Mich.)	-	-	-	-	-	-	-	0.0
Other U.S.A. Ports	77	903 945	14 323	-	-	2 101	920 369	3.6
Total Outbound	897	9 285 329	5 320 919	210 398	2 889	76 752	14 896 287	58.0
GRAND TOTAL	2 047	17 262 944	5 359 101	210 398	22 667	2 841 585	25 696 695	100.0

(1) Tonnage figures are limited to cargo volumes moved through the Seaway lock structures.

(2) Area includes all ports or installations within a 12 1/2 mile radius of the main harbour.

TRAFFIC BY SELECTED FOREIGN COUNTRIES
1987

Table 13C

ST. LAWRENCE SEAWAY

COUNTRY	Ship- ments	CARGO TONNES (1)						
		Bulk	Grains	Govt. Aid	Containers	General	Total	%
FROM:								
Algeria	-	-	-	-	-	-	-	0.0
Australia New Zealand	20	288 842	-	-	-	-	288 842	2.2
Belgium	92	26 250	-	-	20 531	1 197 818	1 244 599	9.7
Brazil	37	29 418	-	-	7 932	317 656	355 006	2.8
China (Nationalist)	2	26 865	-	-	-	-	26 865	0.2
Colombia	1	-	-	-	-	1 200	1 200	0.0
Cuba	4	56 341	-	-	-	-	56 341	0.4
England	27	23 402	-	-	-	180 826	204 228	1.6
Finland	9	4 008	-	-	-	50 932	54 940	0.4
France	21	35 024	-	-	-	230 508	265 532	2.1
French Africa	-	-	-	-	-	-	-	0.0
India	3	-	-	-	48	14 452	14 500	0.1
Ireland	-	-	-	-	-	-	-	0.0
Italy	15	-	-	-	-	103 602	103 602	0.8
Japan	44	16 191	-	-	-	357 568	373 759	2.9
Mexico	7	93 445	-	-	-	-	93 445	0.7
Netherlands	53	218 550	-	-	-	345 931	564 481	4.4
Norway Sweden	39	92 290	-	-	122	192 035	284 447	2.2
Portugal	9	6 145	-	-	1 707	2 081	9 933	0.1
Scotland	15	-	-	-	-	171 957	171 957	1.3
Soviet Union or U.S.S.R.	5	6 553	-	-	-	1 774	8 327	0.1
South Africa	21	236 284	-	-	1 188	739	238 211	1.9
Spain	26	68 630	-	-	828	158 527	227 985	1.8
Turkey	3	51 480	-	-	-	-	51 480	0.4
Venezuela	5	65 020	-	-	-	999	66 019	0.5
West Germany	32	18 866	-	-	639	283 214	302 719	2.4
West Indies	7	27 896	-	-	72	16 194	44 162	0.3
Other Africa	7	80 197	-	-	48	52	80 297	0.6
Other Asia	12	101 026	-	-	-	5 085	106 111	0.8
Other Europe	25	174 168	-	-	-	52 313	226 481	1.8
Other South America	14	75 915	-	-	-	55 849	131 764	1.0
Total From	555	1 822 806	-	-	33 115	3 741 312	5 597 233	43.5
TO:								
Algeria	66	-	1 175 459	-	-	-	1 175 459	9.1
Australia New Zealand	1	13 903	-	-	-	-	13 903	0.1
Belgium	43	105 224	563 621	-	174	7 810	676 829	5.3
Brazil	1	-	-	-	72	2 056	2 128	0.0
China (Nationalist)	5	-	-	-	1 641	12 160	13 801	0.1
Colombia	11	39 916	1 065	-	114	9 385	50 480	0.4
Cuba	3	-	36 052	-	-	-	36 052	0.3
England	32	72 723	210 388	-	178	5 871	289 160	2.2
Finland	2	2 532	17 616	-	-	-	20 148	0.2
France	7	76 125	47 184	-	-	-	123 309	1.0
French Africa	16	1 699	163 251	17 143	14	8	182 115	1.4
India	8	29 103	1 002	32 021	492	5 372	67 990	0.5
Ireland	9	22 301	45 880	-	-	-	68 181	0.5
Italy	32	70 738	388 685	-	671	21 637	481 731	3.7
Japan	9	5 961	106 050	-	-	19 437	131 448	1.0
Mexico	11	-	113 111	-	-	859	113 970	0.9
Netherlands	80	317 516	562 813	-	134	15 438	895 901	7.0
Norway Sweden	7	15 346	52 382	-	-	-	67 728	0.5
Portugal	15	-	260 945	-	-	-	260 945	2.0
Scotland	2	-	35 960	-	-	-	35 960	0.3
Soviet Union or U.S.S.R.	9	-	132 387	-	-	2 476	134 863	1.0
South Africa	21	-	25 984	44 143	2 098	14 664	86 889	0.7
Spain	56	389 554	385 247	-	-	625	775 426	6.0
Turkey	4	16 661	33 911	-	-	10 112	60 684	0.5
Venezuela	4	3 002	3 266	925	204	1 039	8 436	0.1
West Germany	29	13 517	336 067	-	-	22 326	371 910	2.9
West Indies	9	-	10 958	5 765	31	5 055	21 809	0.2
Other Africa	40	12 087	263 795	71 836	869	2 658	351 245	2.7
Other Asia	37	298 253	85 747	4 204	2 870	79 385	470 459	3.7
Other Europe	18	19 658	203 592	-	-	30	223 280	1.7
Other South America	11	9 132	11 943	35 007	268	6 075	62 425	0.5
Total To	598	1 534 951	5 274 361	211 044	9 830	244 478	7 274 664	56.5
GRAND TOTAL	1 153	3 357 757	5 274 361	211 044	42 945	3 985 790	12 871 897	100.0

(1) Tonnage figures are limited to cargo volumes moved through the Seaway lock structures.

TRAFFIC RESULTS 1959-1987

HISTORICAL TABLE 14C

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONS			TOLL REVENUE		
	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL
1959	---	---	---	---	NOT AVAILABLE	---	---	---	---	---	---	---
1960	3 954	5 124	9 078	10 032 415	20 546 432	30 578 847	12 609 246	12 522 004	25 131 250	\$6 056 451	\$5 211 862	\$11 268 313
1961	5 141	5 082	10 223	9 250 052	23 596 791	32 846 843	14 493 351	14 415 227	28 908 578	\$5 059 508	\$6 367 908	\$11 427 416
1962	4 816	4 815	9 631	12 016 429	23 949 383	35 965 812	24 209 186	24 715 207	48 924 995	\$5 016 691	\$7 850 820	\$12 867 511
1963	4 784	4 737	9 521	14 352 054	26 988 561	41 340 595	27 218 981	27 153 831	54 372 812	\$5 937 838	\$7 277 130	\$13 214 968
1964	4 998	5 038	10 036	19 415 811	31 186 173	50 601 984	20 266 121	20 322 026	40 588 147	\$7 005 530	\$8 116 752	\$15 122 282
1965	5 221	5 337	10 558	22 494 513	31 913 878	54 408 391	32 347 016	32 784 520	65 131 536	\$9 394 046	\$9 691 201	\$19 085 247
1966	5 278	5 337	10 615	26 138 165	34 589 175	60 727 340	35 781 853	35 829 831	71 611 684	\$12 010 414	\$9 798 598	\$21 809 012
1967	4 758	4 845	9 603	26 604 097	28 664 730	55 268 827	32 119 030	32 654 700	64 773 730	\$13 613 843	\$10 720 519	\$24 334 362
1968	4 555	4 630	9 185	30 221 395	30 017 093	60 238 488	33 761 597	34 201 445	67 963 042	\$14 475 869	\$8 787 194	\$23 263 063
1969	4 536	4 558	9 094	22 964 904	32 206 433	55 171 337	32 890 660	33 116 127	66 006 787	\$17 343 253	\$9 294 777	\$26 638 030
1970	4 542	4 573	9 115	25 278 173	39 235 062	64 513 235	34 832 257	34 826 922	69 659 179	\$13 553 348	\$10 397 205	\$23 950 553
1971	4 200	4 228	8 428	25 590 585	38 622 853	64 213 438	35 457 588	35 365 584	70 823 172	\$15 015 403	\$13 977 229	\$28 992 632
1972	4 151	4 137	8 288	25 373 449	40 373 052	65 746 501	36 775 475	36 353 779	73 129 254	\$17 090 842	\$14 647 397	\$31 738 239
1973	4 160	4 124	8 284	27 453 586	40 738 624	68 192 210	36 384 026	36 557 318	72 941 344	\$16 462 073	\$15 081 621	\$31 543 694
1974	3 182	3 167	6 349	23 499 926	31 055 048	54 554 974	28 626 614	28 583 515	57 210 129	\$16 409 602	\$15 717 244	\$32 126 846
1975	3 559	3 540	7 099	22 035 116	38 651 902	60 687 018	33 424 672	33 417 387	66 842 059	\$13 188 253	\$11 308 252	\$24 496 505
1976	3 454	3 478	6 932	28 538 521	36 636 534	65 175 055	34 202 173	34 058 494	68 260 667	\$12 629 952	\$13 682 280	\$26 312 232
1977	3 675	3 660	7 335	34 659 856	38 635 078	73 294 934	36 928 613	36 984 091	73 912 704	\$15 904 651	\$13 697 981	\$29 602 632
1978	3 767	3 712	7 479	27 548 469	45 434 170	72 982 639	40 262 661	39 629 645	79 892 306	\$19 964 066	\$14 836 163	\$34 800 229
1979	3 705	3 639	7 344	27 491 575	46 814 472	74 306 047	40 409 852	39 866 922	80 276 774	\$24 276 601	\$27 225 729	\$51 502 330
1980	3 668	3 628	7 296	17 198 910	49 762 221	66 961 131	40 095 126	40 008 744	80 103 870	\$27 508 079	\$29 599 291	\$57 107 370
1981	3 320	3 290	6 610	20 988 836	43 692 918	64 681 754	36 274 961	35 958 648	72 233 609	\$19 512 745	\$36 495 478	\$56 008 223
1982	2 896	2 914	5 810	11 930 217	42 564 225	54 494 442	33 905 366	34 068 116	67 973 482	\$25 182 050	\$32 322 404	\$57 504 454
1983	2 629	2 611	5 240	16 799 443	39 181 910	55 981 353	32 256 617	31 755 291	64 011 908	\$19 631 493	\$38 230 421	\$57 861 914
1984	2 681	2 641	5 322	19 984 880	40 944 288	60 929 168	34 056 771	33 342 809	67 399 580	\$28 628 057	\$37 197 448	\$65 825 505
1985	2 243	2 185	4 428	16 307 416	32 246 874	48 554 290	27 953 450	27 039 682	54 993 132	\$33 908 295	\$37 521 103	\$71 429 398
1986	2 344	2 258	4 602	16 306 485	32 264 732	48 571 217	28 865 047	28 050 099	56 915 146	\$26 732 542	\$30 101 848	\$56 834 390
1987	2 351	2 238	4 589	18 647 923	32 005 339	50 653 262	28 772 497	27 518 198	56 290 695	\$27 804 529	\$33 382 145	\$61 186 674
TOTAL	108 568	109 526	218 094	599 123 201	992 517 931	1 591 641 132	885 180 807	881 100 764	1 766 281 571	\$500 405 401	\$542 606 435	\$1 043 011 836

CARGO BY TARIFF CLASSIFICATION

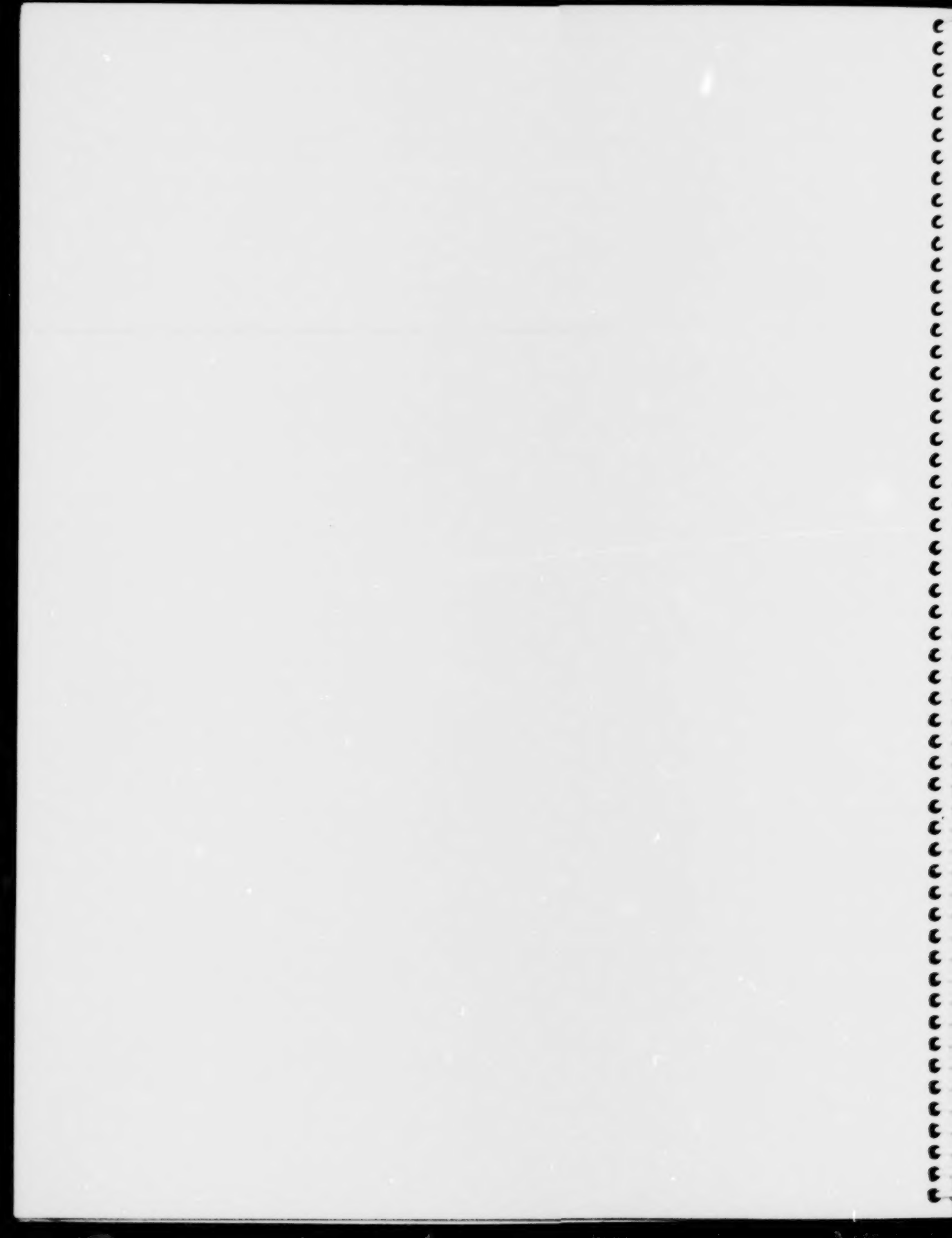
HISTORICAL TABLE 15C

ST. LAWRENCE SEAWAY

YEAR	BULK		GRAINS		GOVT AID		CONTAINERS		GENERAL		TOTAL	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959						NOT AVAILABLE						
1960	28 464 021	93.1	-	0.0	-	0.0	-	0.0	2 114 825	6.9	30 578 846	100.0
1961	30 770 489	93.7	-	0.0	-	0.0	-	0.0	2 076 353	6.3	32 846 842	100.0
1962	33 514 335	93.2	-	0.0	-	0.0	-	0.0	2 451 477	6.8	35 965 812	100.0
1963	38 550 187	93.3	-	0.0	-	0.0	-	0.0	2 790 408	6.7	41 340 595	100.0
1964	47 135 221	93.1	-	0.0	-	0.0	-	0.0	3 466 764	6.9	50 601 985	100.0
1965	49 240 217	90.5	-	0.0	-	0.0	-	0.0	5 168 174	9.5	54 408 391	100.0
1966	55 623 695	91.6	-	0.0	-	0.0	-	0.0	5 103 645	8.4	60 727 340	100.0
1967	49 763 848	90.0	-	0.0	-	0.0	-	0.0	5 504 979	10.0	55 268 827	100.0
1968	52 866 506	87.8	-	0.0	-	0.0	-	0.0	7 371 982	12.2	60 238 488	100.0
1969	48 647 868	88.2	-	0.0	-	0.0	-	0.0	6 523 470	11.8	55 171 338	100.0
1970	58 458 223	90.6	-	0.0	-	0.0	-	0.0	6 055 012	9.4	64 513 235	100.0
1971	56 237 700	87.6	-	0.0	-	0.0	-	0.0	7 975 737	12.4	64 213 437	100.0
1972	58 469 763	88.9	-	0.0	-	0.0	-	0.0	7 276 738	11.1	65 746 501	100.0
1973	62 900 782	92.2	-	0.0	-	0.0	-	0.0	5 291 428	7.8	68 192 210	100.0
1974	50 450 923	92.5	-	0.0	-	0.0	-	0.0	4 104 051	7.5	54 554 974	100.0
1975	57 388 271	94.6	-	0.0	-	0.0	-	0.0	3 298 747	5.4	60 687 018	100.0
1976	61 044 888	93.7	-	0.0	-	0.0	-	0.0	4 130 167	6.3	65 175 055	100.0
1977	67 119 377	91.6	-	0.0	-	0.0	-	0.0	6 175 556	8.4	73 294 933	100.0
1978	39 102 717	53.6	29 133 638	39.9	129 095	0.2	271 485	0.4	4 331 922	5.9	72 968 857	100.0
1979	43 884 766	59.0	26 357 575	35.5	158 942	0.2	229 229	0.3	3 703 388	5.0	74 333 900	100.0
1980	35 592 415	53.1	28 576 609	42.6	168 209	0.3	166 055	0.2	2 513 429	3.8	67 016 717	100.0
1981	34 868 589	53.9	26 119 711	40.3	242 632	0.4	64 746	0.1	3 420 579	5.3	64 716 257	100.0
1982	25 142 525	46.1	25 797 364	47.3	292 456	0.5	78 478	0.2	3 183 619	5.9	54 494 442	100.0
1983	26 969 832	48.2	25 372 045	45.3	294 379	0.5	60 073	0.1	3 285 024	5.9	55 981 353	100.0
1984	31 203 330	51.2	24 556 241	40.3	231 107	0.4	140 684	0.2	4 797 806	7.9	60 929 168	100.0
1985	26 827 670	55.3	17 418 609	35.9	261 917	0.5	113 671	0.2	3 932 423	8.1	48 554 290	100.0
1986	27 156 533	55.9	17 175 451	35.4	227 670	0.5	59 943	0.1	3 951 620	8.1	48 571 217	100.0
1987	27 187 830	53.7	19 208 840	37.9	211 044	0.4	42 945	0.1	4 002 603	7.9	50 653 262	100.0
TOTAL	1 224 582 521	76.9	239 716 083	15.1	2 217 451	0.1	1 227 309	0.1	124 001 926	7.8	1 591 745 290	100.0

TOTAL TOLLS REVENUE

HISTORICAL TABLE 16C							ST. LAWRENCE SEAWAY			
YEAR	CARGO TARIFFS						GROSS REGISTERED TONNAGE	LOCKAGE FEES	OTHER	TOTAL
	BULK	GRAINS	GOVT AID	CONTAINERS	GENERAL	TOTAL				
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1959	7 828 636	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	1 818 189	9 646 825	1 606 068	NOT APPLICABLE	15 420	11 268 313
1960	7 640 627	-	-	-	2 089 106	9 729 733	1 673 338	-	24 345	11 427 416
1961	8 981 597	-	-	-	1 929 901	10 911 498	1 920 678	-	35 335	12 867 511
1962	9 071 653	-	-	-	2 265 845	11 337 498	1 219 957	-	657 513	13 214 968
1963	11 074 332	-	-	-	2 646 716	13 721 048	1 383 788	-	17 446	15 122 282
1964	14 153 997	-	-	-	3 308 928	17 462 925	1 607 500	-	14 822	19 085 247
1965	15 011 515	-	-	-	5 021 322	20 032 837	1 760 730	-	15 445	21 809 012
1966	17 397 536	-	-	-	4 938 610	22 336 146	1 983 068	-	15 148	24 334 362
1967	15 096 582	-	-	-	5 365 115	20 461 697	1 828 439	913 275	59 652	23 263 063
1968	15 803 468	-	-	-	7 188 148	22 991 616	1 888 744	1 749 165	8 505	26 638 030
1969	13 424 451	-	-	-	6 331 797	19 756 248	1 689 016	2 494 075	11 214	23 950 553
1970	17 773 483	-	-	-	5 881 526	23 655 009	1 795 912	3 533 405	8 306	28 992 632
1971	17 677 538	-	-	-	7 748 999	25 426 537	1 974 733	4 331 602	5 367	31 738 239
1972	18 261 266	-	-	-	7 036 377	25 297 643	1 997 790	4 242 605	5 656	31 543 694
1973	20 608 149	-	-	-	5 236 108	25 844 257	2 042 408	4 232 455	7 726	32 126 846
1974	15 744 406	-	-	-	4 063 299	19 807 705	1 499 182	3 176 688	12 930	24 496 505
1975	17 612 142	-	-	-	3 234 974	20 847 116	1 735 862	3 720 018	9 236	26 312 232
1976	19 832 324	-	-	-	4 066 527	23 898 851	1 908 740	3 789 408	5 633	29 602 632
1977	22 528 087	-	-	-	6 094 584	28 622 671	2 140 978	4 030 938	5 642	34 800 229
1978	18 335 282	17 115 828	78 718	244 195	6 553 573	42 327 596	9 155 902	NOT APPLICABLE	18 832	51 502 330
1979	24 716 528	16 370 362	103 290	212 472	6 730 737	48 133 389	8 957 417	APPLICABLE	16 565	57 107 371
1980	22 075 591	19 646 834	121 075	156 207	4 903 241	46 902 948	9 086 526	-	18 749	56 008 223
1981	24 033 362	17 895 441	174 679	55 504	6 956 739	49 115 725	8 369 227	-	19 502	57 504 454
1982	18 195 303	19 398 753	230 175	77 874	7 057 942	44 960 047	8 224 962	4 643 925	32 979	57 861 913
1983	20 996 071	20 259 032	244 307	62 448	8 179 595	49 741 453	7 994 936	8 061 656	27 460	65 825 505
1984	23 067 456	19 744 974	191 106	153 247	11 888 040	55 044 823	8 150 221	8 200 688	33 666	71 429 398
1985	20 034 048	13 752 916	217 162	120 619	9 704 218	43 828 963	6 508 406	6 459 219	37 802	56 834 390
1986	21 364 062	14 562 937	200 264	58 864	9 908 207	46 094 334	7 381 392	7 662 160	48 788	61 186 674
1987	22 085 943	16 887 282	191 691	45 836	10 067 598	49 278 350	7 730 888	8 091 383	57 191	65 157 812
TOTAL	500 425 435	175 634 359	1 752 467	1 187 266	168 215 961	847 215 488	115 216 808	79 332 665	1 246 875	1 043 011 836



PART III

St. Lawrence Seaway Toll Traffic

for the

Montreal-Lake Ontario Section

TRAFFIC BY TYPE OF VESSEL
1987

Table 1M

MONTREAL-LAKE ONTARIO SECTION												
TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE	
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$
<u>UPBOUND:</u>												
Cargo	885	376	1 261	18 805 145	12 078 378	20 345	-	33 115	3 750 735	15 882 573	39.7	19 279 678.87
Tug and Barge	36	12	48	105 487	128 900	2 499	-	-	-	131 399	0.3	118 869.12
Tanker	94	66	160	1 162 737	796 492	-	-	-	-	796 492	2.0	735 294.46
Non-Cargo	39	106	145	62 519	-	-	-	-	-	-	0.0	20 603.50
Total Up	1 054	560	1 614	20 135 888	13 003 770	22 844	-	33 115	3 750 735	16 810 464	42.1	20 154 445.95
<u>DOWNBOUND:</u>												
Cargo	1 162	104	1 266	18 879 574	3 537 341	18 301 293	211 044	9 830	250 881	22 310 389	55.8	14 567 816.72
Tug and Barge	5	47	52	113 888	14 061	-	-	-	987	15 048	0.0	18 129.87
Tanker	108	52	160	1 164 178	832 714	-	-	-	-	832 714	2.1	711 601.01
Non-Cargo	38	97	135	193 234	-	-	-	-	-	-	0.0	29 605.35
Total Down	1 313	300	1 613	20 350 874	4 384 116	18 301 293	211 044	9 830	251 868	23 158 151	57.9	15 327 152.95
<u>TOTALS:</u>												
Cargo	2 047	480	2 527	37 684 719	15 615 719	18 321 638	211 044	42 945	4 001 616	38 192 962	95.6	33 847 495.59
Tug and Barge	41	59	100	219 375	142 961	2 499	-	-	987	146 447	0.4	136 998.99
Tanker	202	118	320	2 326 915	1 629 206	-	-	-	-	1 629 206	4.1	1 446 895.47
Non-Cargo	77	203	280	255 753	-	-	-	-	-	-	0.0	50 208.85
GRAND TOTAL	2 367	860	3 227	40 486 762	17 387 886	18 324 137	211 044	42 945	4 002 603	39 968 615	100.0	35 481 598.90
												100.0

TRAFFIC BY ORIGIN OF CARGO AND TYPE OF VESSEL
1987

Table 2M

MONTREAL-LAKE ONTARIO SECTION

ORIGIN OF CARGO AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ball			Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
			Total										
UPBOUND: CANADA: Cargo Tug and Barge Tanker Non-Cargo Total Canada	447	264	711	11 182 944	10 416 511	20 345	-	-	9 423	10 446 279	26.1	9 654 930.24	27.2
	36	10	46	98 973	128 900	2 499	-	-	-	131 399	0.3	118 348.00	0.3
	39	60	99	605 034	308 627	-	-	-	-	308 627	0.8	299 642.64	0.8
	29	93	122	51 700	-	-	-	-	-	-	0.0	14 840.98	0.0
	551	427	978	11 938 651	10 854 038	22 844	-	-	9 423	10 886 305	27.2	10 087 761.86	28.4
U.S.A.: Cargo Tug and Barge Tanker Non-Cargo Total U.S.A.	18	19	37	385 013	189 055	-	-	-	-	189 055	0.5	165 923.27	0.5
	-	2	2	6 514	-	-	-	-	-	-	0.0	521.12	0.0
	19	3	22	165 558	137 871	-	-	-	-	137 871	0.3	111 861.96	0.3
	10	13	23	10 819	-	-	-	-	-	-	0.0	5 762.52	0.0
	47	37	84	567 904	326 926	-	-	-	-	326 926	0.8	284 068.87	0.8
FOREIGN: Cargo Tug and Barge Tanker Non-Cargo Total Foreign	420	93	513	7 237 188	1 472 812	-	-	33 115	3 741 312	5 247 239	13.1	9 458 825.36	26.7
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	36	3	39	392 145	349 994	-	-	-	-	349 994	0.9	323 789.86	0.9
	-	-	-	-	-	-	-	-	-	-	0.0	00.00	0.0
	456	96	552	7 629 333	1 822 806	-	-	33 115	3 741 312	5 597 233	14.0	9 782 615.22	27.6
Total Up	1 054	560	1 614	20 135 888	13 003 770	22 844	-	33 115	3 750 735	16 810 464	42.1	20 154 445.95	56.8
DOWNBOUND: CANADA: Cargo Tug and Barge Tanker Non-Cargo Total Canada	684	73	757	11 561 353	1 590 062	13 181 549	646	6 941	175 116	14 954 314	37.4	9 068 521.19	25.6
	4	45	49	107 361	14 061	-	-	-	-	14 061	0.0	15 574.49	0.0
	93	49	142	1 008 921	800 379	-	-	-	-	800 379	2.0	596 981.38	1.7
	28	77	105	137 131	-	-	-	-	-	-	0.0	20 376.42	0.1
	809	244	1 053	12 814 666	2 404 502	13 181 549	646	6 941	175 116	15 768 754	39.5	9 701 453.48	27.3
U.S.A.: Cargo Tug and Barge Tanker Non-Cargo Total U.S.A.	478	31	509	7 318 321	1 947 279	5 119 744	210 398	2 889	75 765	7 356 075	18.4	5 499 295.53	15.5
	1	2	3	6 527	-	-	-	-	987	987	0.0	2 555.38	0.0
	15	3	18	155 257	32 335	-	-	-	-	32 335	0.1	114 619.63	0.3
	10	20	30	56 103	-	-	-	-	-	-	0.0	9 228.93	0.0
	504	56	560	7 536 208	1 979 614	5 119 744	210 398	2 889	76 752	7 389 397	18.5	5 625 699.47	15.9
Total Down	1 313	300	1 613	20 350 874	4 384 116	18 301 293	211 044	9 830	251 868	23 158 151	57.9	15 327 152.95	43.2
TOTALS: CANADA: U.S.A.: FOREIGN: GRAND TOTAL	1 360	671	2 031	24 753 317	13 258 540	13 204 393	646	6 941	184 539	26 655 059	66.7	19 789 215.34	55.8
	551	93	644	8 104 112	2 306 540	5 119 744	210 398	2 889	76 752	7 716 323	19.3	5 909 768.34	16.7
	456	96	552	7 629 333	1 822 806	-	-	33 115	3 741 312	5 597 233	14.0	9 782 615.22	27.6
	2 367	860	3 227	40 486 762	17 387 886	18 324 137	211 044	42 945	4 002 603	39 968 615	100	35 481 598.90	100.0

TRAFFIC BY CLASS AND TYPE OF VESSEL
1987

Table 3M

CLASS AND TYPE OF VESSEL		VESSEL TRANSITS				GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE			
		Loaded		Total			Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%	
UPBOUND:																
OCEAN:																
Cargo		437	115	552		7 575 289		1 674 043	-	-	33 115	3 635 813	5 342 971	13.4	9 430 307.22	26.6
Tanker		55	6	61		557 703		490 094	-	-	-	-	490 094	1.2	435 651.82	1.2
Total Ocean		492	121	613		8 132 992		2 164 137	-	-	33 115	3 635 813	5 833 065	14.6	9 865 959.04	27.8
LAKER:																
Cargo		448	261	709		11 229 856		10 404 335	20 345	-	-	114 922	10 539 602	26.4	9 849 371.65	27.8
Tug and Barge		36	10	46		98 973		128 900	2 499	-	-	-	131 399	0.3	118 348.00	0.3
Tanker		39	60	99		605 034		306 398	-	-	-	-	306 398	0.8	299 642.64	0.8
Total Laker		523	331	854		11 933 863		10 839 633	22 844	-	-	114 922	10 977 399	27.5	10 267 362.29	28.9
ALL OTHER:																
Total Upbound		39	108	147		69 033		-	-	-	-	-	-	0.0	21 124.62	0.1
		1 054	560	1 614		20 135 888		13 003 770	22 844	-	33 115	3 750 735	16 810 464	42.1	20 154 445.95	56.8
DOWNBOUND:																
OCEAN:																
Cargo		495	60	555		7 638 891		1 430 047	5 182 946	211 044	9 758	242 522	7 076 317	17.7	5 124 340.11	14.4
Tanker		42	20	62		564 989		333 442	-	-	-	-	333 442	0.8	312 899.53	0.9
Total Ocean		537	80	617		8 203 880		1 763 489	5 182 946	211 044	9 758	242 522	7 409 759	18.5	5 437 239.64	15.3
LAKER:																
Cargo		667	44	711		11 240 683		2 107 294	13 118 347	-	72	8 359	15 234 072	38.1	9 443 476.61	26.6
Tug and Barge		3	47	50		107 374		6 041	-	-	-	987	7 028	0.0	10 791.75	0.0
Tanker		66	32	98		599 189		499 272	-	-	-	-	499 272	1.2	398 701.48	1.1
Total Laker		736	123	859		11 947 246		2 612 607	13 118 347	-	72	9 346	15 740 372	39.4	9 852 969.84	27.8
ALL OTHER:																
Total Downbound		40	97	137		199 748		8 020	-	-	-	-	8 020	0.0	36 943.47	0.1
		1 313	300	1 613		20 350 874		4 384 116	18 301 293	211 044	9 830	251 868	23 158 151	57.9	15 327 152.95	43.2
TOTALS:																
OCEAN:																
Cargo		932	175	1 107		15 214 180		3 104 090	5 182 946	211 044	42 873	3 878 335	12 419 288	31.1	14 554 647.33	41.0
Tanker		97	26	123		1 122 692		823 536	-	-	-	-	823 536	2.1	748 551.35	2.1
Total Ocean		1 029	201	1 230		16 336 872		3 927 626	5 182 946	211 044	42 873	3 878 335	13 242 824	33.1	15 303 198.68	43.1
LAKER:																
Cargo		1 115	305	1 420		22 470 539		12 511 629	13 138 692	-	72	123 281	25 773 674	64.5	19 292 848.26	54.4
Tug and Barge		39	57	96		206 347		134 941	2 499	-	-	987	138 427	0.3	129 139.75	0.4
Tanker		105	92	197		1 204 223		805 670	-	-	-	-	805 670	2.0	698 344.12	2.0
Total Laker		1 259	454	1 713		23 881 109		13 452 240	13 141 191	-	72	124 268	26 717 771	66.8	20 120 332.13	56.7
ALL OTHER:																
		79	205	284		268 781		8 020	-	-	-	-	8 020	0.0	58 068.09	0.2
GRAND TOTAL		2 367	860	3 227		40 486 762		17 387 886	18 324 137	211 044	42 945	4 002 603	39 968 615	100.0	35 481 598.90	100.0

Table 4M

TYPE OF TRANSIT AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE		
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$
UPBOUND: OVERSEAS:												
Cargo	420	93	513	7 237 188	1 465 077	-	-	32 832	3 731 347	5 229 256	13.1	9 458 825.36
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	0.00
Tanker	39	3	42	404 780	369 306	-	-	-	-	369 306	0.9	339 321.21
Total Overseas	459	96	555	7 641 968	1 834 383	-	-	32 832	3 731 347	5 598 562	14.0	9 798 146.57
INLAND:												
Cargo	422	259	681	10 677 252	9 916 039	20 345	-	283	19 388	9 956 055	24.9	9 314 179.13
Tug and Barge	36	9	45	98 421	128 900	2 499	-	-	-	131 399	0.3	118 278.00
Tanker	36	52	88	531 440	277 435	-	-	-	-	277 435	0.7	269 136.57
Total Inland	494	320	814	11 307 113	10 322 374	22 844	-	283	19 388	10 364 889	25.9	9 701 593.70
COASTAL:												
Cargo	43	24	67	890 705	697 262	-	-	-	-	697 262	1.7	506 674.38
Tug and Barge	-	3	3	7 066	-	-	-	-	-	-	0.0	591.12
Tanker	19	11	30	226 517	149 751	-	-	-	-	149 751	0.4	126 836.68
Total Coastal	62	38	100	1 124 288	847 013	-	-	-	-	847 013	2.1	634 102.18
NON-CARGO:												
Tug	-	67	67	15 049	-	-	-	-	-	-	0.0	3 490.00
All Other	39	39	78	47 470	-	-	-	-	-	-	0.0	17 113.50
Total Non-Cargo	39	106	145	62 519	-	-	-	-	-	-	0.0	20 603.50
Total Upbound	1 054	560	1 614	20 135 888	13 003 770	22 844	-	33 115	3 750 735	16 810 464	42.1	20 154 4 5 95 56.8
DOWNBOUND: OVERSEAS:												
Cargo	485	41	526	7 394 915	1 298 224	5 274 361	211 044	9 830	244 478	7 037 937	17.6	5 045 364.91
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	0.00
Tanker	28	14	42	398 916	242 996	-	-	-	-	242 996	0.6	237 662.11
Total Overseas	513	55	568	7 793 831	1 541 220	5 274 361	211 044	9 830	244 478	7 280 933	18.2	5 283 027.02
INLAND:												
Cargo	639	45	684	10 789 120	2 005 339	12 654 995	-	-	6 403	14 666 737	36.7	9 077 743.06
Tug and Barge	3	44	47	100 627	6 041	-	-	-	987	7 028	0.0	10 226.15
Tanker	60	28	88	521 652	445 835	-	-	-	-	445 835	1.1	347 077.07
Total Inland	702	117	819	11 411 399	2 457 215	12 654 995	-	-	7 390	15 119 600	37.8	9 435 046.28
COASTAL:												
Cargo	38	18	56	695 539	233 778	371 937	-	-	-	605 715	1.5	444 708.75
Tug and Barge	2	3	5	13 261	8 020	-	-	-	-	8 020	0.0	7 903.72
Tanker	20	10	30	243 610	143 883	-	-	-	-	143 883	0.4	126 861.83
Total Coastal	60	31	91	952 410	385 681	371 937	-	-	-	757 618	1.9	579 474.30
NON-CARGO:												
Tug	-	36	36	6 978	-	-	-	-	-	-	0.0	1 350.00
All Other	38	61	99	186 256	-	-	-	-	-	-	0.0	28 255.35
Total Non-Cargo	38	97	135	193 234	-	-	-	-	-	-	0.0	29 605.35
Total Downbound	1 313	300	1 613	20 350 874	4 384 116	18 301 293	211 044	9 830	251 868	23 158 151	57.9	15 327 152.95
GRAND TOTAL	2 367	860	3 227	40 486 762	17 387 886	18 324 137	211 044	42 945	4 002 603	39 368 615	100.0	35 481 598.90

TRAFFIC BY ORIGIN AND DESTINATION
1987

Table 5M

MONTREAL-LAKE ONTARIO SECTION																
ORIGIN AND DESTINATION (1)		VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE				
		Loaded	Balli			Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%		
				Total												
UPBOUND:																
Canada	300	388	688		7 679 417	5 791 813	2 499	-	-	-	5 794 312	14.5	4 974 158.47	14.0		
Canada - U.S.A.	251	39	290		4 259 234	5 062 225	20 345	-	-	9 423	5 091 993	12.7	5 113 603.39	14.4		
Foreign - Canada	108	26	134		1 716 075	1 159 612	-	-	13 337	985 902	2 158 851	5.4	1 434 460.50	4.0		
Total Canada	659	453	1 112		13 654 726	12 013 650	22 844	-	13 337	995 325	13 045 156	32.6	11 522 222.36	32.5		
U.S.A.	32	27	59		460 085	326 926	-	-	-	-	326 926	0.8	205 608.26	0.6		
U.S.A. - U.S.A.	15	10	25		107 819	-	-	-	-	-	-	0.0	78 460.61	0.2		
Foreign - U.S.A.	348	70	418		5 913 258	663 194	-	-	19 778	2 755 410	3 438 382	8.6	8 348 154.72	23.5		
Total U.S.A.	395	107	502		6 481 162	990 120	-	-	19 778	2 755 410	3 765 308	9.4	8 632 223.59	24.3		
Total Upbound	1 054	560	1 614		20 135 888	13 003 770	22 844	-	33 115	3 750 735	16 810 464	42.1	20 154 445.95	56.8		
DOWNBOUND:																
Canada	637	191	828		10 122 114	1 425 157	11 903 801	-	-	-	13 328 958	33.3	8 003 964.44	22.6		
Canada - U.S.A.	35	13	48		394 309	322 004	15 338	-	-	-	337 342	0.8	293 953.03	0.8		
Canada - Foreign	137	40	177		2 298 243	657 341	1 262 410	646	6 941	175 116	2 102 454	5.3	1 403 536.01	4.0		
Total Canada	809	244	1 053		12 814 666	2 404 502	13 181 549	646	6 941	175 116	15 768 754	39.5	9 701 453.48	27.3		
U.S.A.	118	26	144		1 987 826	1 102 004	1 107 793	-	-	7 390	2 217 187	5.5	1 736 656.91	4.9		
U.S.A. - U.S.A.	10	15	25		52 794	-	-	-	-	-	-	0.0	9 551.55	0.0		
U.S.A. - Foreign	376	15	391		5 495 588	877 610	4 011 951	210 398	2 889	69 362	5 172 210	12.9	3 879 491.01	10.9		
Total U.S.A.	504	56	560		7 536 208	1 979 614	5 119 744	210 398	2 889	76 752	7 389 397	18.5	5 625 699.47	15.9		
Total Downbound	1 313	300	1 613		20 350 874	4 384 116	18 301 293	211 044	9 830	251 868	23 158 151	57.9	15 327 152.95	43.2		
TOTALS:																
Canada	937	579	1 516		17 801 531	7 216 970	11 906 300	-	-	-	19 123 270	47.8	12 978 122.91	36.6		
Canada - U.S.A.	286	52	338		4 653 543	5 384 229	35 683	-	-	9 423	5 429 335	13.6	5 407 556.42	15.2		
Canada - Foreign	137	40	177		2 298 243	657 341	1 262 410	646	6 941	175 116	2 102 454	5.3	1 403 536.01	4.0		
Foreign - Canada	108	26	134		1 716 075	1 159 612	-	-	13 337	985 902	2 158 851	5.4	1 434 460.50	4.0		
Total Canada	1 468	697	2 165		26 469 392	14 418 152	13 204 393	646	20 278	1 170 441	28 813 910	72.1	21 223 675.84	59.8		
U.S.A.	150	53	203		2 447 911	1 428 930	1 107 793	-	-	7 390	2 544 113	6.4	1 942 265.17	5.5		
U.S.A. - U.S.A.	25	25	50		160 613	-	-	-	-	-	-	0.0	88 012.16	0.2		
U.S.A. - Foreign	376	15	391		5 495 588	877 610	4 011 951	210 398	2 889	69 362	5 172 210	12.9	3 879 491.01	10.9		
Foreign - U.S.A.	348	70	418		5 913 258	663 194	-	-	19 778	2 755 410	3 438 382	8.6	8 348 154.72	23.5		
Total U.S.A.	899	163	1 062		14 017 370	2 969 734	5 119 744	210 398	22 667	2 832 162	11 154 705	27.9	14 257 923.06	40.2		
GRAND TOTAL	2 367	860	3 227		40 486 762	17 387 886	18 324 137	211 044	42 945	4 002 603	39 968 615	100.0	35 481 598.90	100.0		

(1) Origin and destination means country in which transit originated and terminated.

TRAFFIC BY TYPE OF CARGO
1987

Table 6H

MONTREAL-LAKE ONTARIO SECTION													
TYPE OF CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:													
Bulk	690	-	690	12 809 567	-	-	-	-	12 809 567	32.0	11 437 408.93	32.2	
Grains	3	-	3	19 417	22 844	-	-	-	22 844	0.1	13 432.24	0.0	
Government Aid	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0	
Containers	2	-	2	-	-	-	978	-	978	0.0	1 957.63	0.0	
General	248	-	248	-	-	-	-	3 009 566	3 009 566	7.5	6 436 617.34	18.1	
Mixed	72	-	72	194 203	-	-	32 137	741 169	967 509	2.4	1 776 244.22	5.0	
Passengers	39	-	39	-	-	-	-	-	-	0.0	13 878.30	0.0	
In Ballast	-	96	96	-	-	-	-	-	-	0.0	108 874.24	0.3	
- Overseas	-	320	320	-	-	-	-	-	-	0.0	336 483.32	0.9	
- Inland	-	38	38	-	-	-	-	-	-	0.0	22 824.53	0.1	
- Coastal	-	106	106	-	-	-	-	-	-	0.0	6 725.20	0.0	
- Non-Cargo	-	-	-	-	-	-	-	-	-	0.0	-	-	
Total Upbound	1 054	560	1 614	13 003 770	22 844	-	33 115	3 750 735	16 810 464	42.1	20 154 445.95	56.8	
DOWNBOUND:													
Bulk	313	-	313	4 192 817	-	-	-	-	4 192 817	10.5	3 685 883.43	10.4	
Grains	752	-	752	-	16 037 377	-	-	-	16 037 377	40.1	9 299 464.84	26.2	
Government Aid	4	-	4	-	30 618	-	-	-	30 618	0.1	19 176.72	0.1	
Containers	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0	
General	40	-	40	-	-	-	-	164 025	164 025	0.4	364 118.11	1.0	
Mixed	166	-	166	191 299	2 263 916	180 426	9 830	87 843	2 733 314	6.8	1 798 718.46	5.1	
Passengers	38	-	38	-	-	-	-	-	-	0.0	14 138.49	0.0	
In Ballast	-	55	55	-	-	-	-	-	-	0.0	43 154.84	0.1	
- Overseas	-	117	117	-	-	-	-	-	-	0.0	67 562.32	0.2	
- Inland	-	31	31	-	-	-	-	-	-	0.0	19 468.88	0.1	
- Coastal	-	97	97	-	-	-	-	-	-	0.0	15 466.86	0.0	
- Non-Cargo	-	-	-	-	-	-	-	-	-	0.0	-	-	
Total Downbound	1 313	300	1 613	4 384 116	18 301 293	211 044	9 830	251 868	23 158 151	57.9	15 327 152.95	43.2	
TOTALS:													
Bulk	1 003	-	1 003	17 002 384	-	-	-	-	17 002 384	42.5	15 123 292.36	42.6	
Grains	755	-	755	-	16 060 221	-	-	-	16 060 221	40.2	9 312 897.08	26.2	
Government Aid	4	-	4	-	30 618	-	-	-	30 618	0.1	19 176.72	0.1	
Containers	2	-	2	-	-	-	978	-	978	0.0	1 957.63	0.0	
General	288	-	288	-	-	-	-	3 173 591	3 173 591	7.9	6 800 735.45	19.2	
Mixed	238	-	238	385 502	2 263 916	180 426	41 967	829 012	3 700 823	9.3	3 574 962.68	10.1	
Passengers	77	-	77	-	-	-	-	-	-	0.0	28 016.79	0.1	
In Ballast	-	151	151	-	-	-	-	-	-	0.0	152 029.08	0.4	
- Overseas	-	437	437	-	-	-	-	-	-	0.0	404 045.64	1.1	
- Inland	-	69	69	-	-	-	-	-	-	0.0	42 293.41	0.1	
- Coastal	-	203	203	-	-	-	-	-	-	0.0	22 192.06	0.1	
- Non-Cargo	-	-	-	-	-	-	-	-	-	0.0	-	-	
GRAND TOTAL	2 367	860	3 227	17 387 886	18 324 137	211 044	42 945	4 002 603	39 968 615	100.0	35 481 598.90	100.0	

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1987

UPBOUND

Table 7M Part A MONTREAL-LAKE ONTARIO SECTION

MONTREAL-LAKE ONTARIO SECTION													
TYPE OF TRANSIT AND CARGO	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
OVERSEAS:													
Bulk	140	-	140	1 751 055	1 640 180	-	-	-	-	1 640 180	4.1	1 513 304.55	4.3
Grains	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers	2	-	2	14 079	-	-	-	978	-	978	0.0	1 957.63	0.0
General	246	-	246	3 471 749	-	-	-	-	3 000 14.3	3 000 14.3	7.5	6 416 255.32	18.1
Mixed	71	-	71	1 038 557	194 203	-	-	-	31 854	957 261	2.4	1 757 754.83	5.0
In Ballast	-	96	96	1 366 528	-	-	-	-	-	-	0.0	108 874.24	0.3
Total Overseas	459	96	555	7 641 968	1 834 383	-	-	32 832	3 731 34.7	5 598 562	14.0	9 798 146.57	27.6
INLAND:													
Bulk	488	-	488	6 983 293	10 322 374	-	-	-	-	10 322 374	25.8	9 312 826.73	26.2
Grains	3	-	3	19 417	-	22 844	-	-	-	22 844	0.1	13 432.24	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
General	2	-	2	11 883	-	-	-	-	9 423	9 423	0.0	20 362.02	0.1
Mixed	1	-	1	12 104	-	-	-	283	9 965	10 248	0.0	18 489.39	0.1
In Ballast	-	320	320	4 280 416	-	-	-	-	-	-	0.0	336 483.32	0.9
Total Inland	494	320	814	11 307 113	10 322 374	22 844	-	283	19 388	10 364 889	25.9	9 701 593.70	27.3
COASTAL:													
Bulk	62	-	62	833 310	847 013	-	-	-	-	847 013	2.1	611 277.65	1.7
Grains	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
General	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Mixed	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
In Ballast	-	38	38	290 978	-	-	-	-	-	-	0.0	22 824.53	0.1
Total Coastal	62	38	100	1 124 288	847 013	-	-	-	-	847 013	2.1	634 102.18	1.8
NON-CARGO:	39	106	145	62 519	-	-	-	-	-	-	0.0	20 603.50	0.1
Total Upbound	1 054	560	1 614	20 135 888	13 003 770	22 844	-	33 115	3 750 735	16 810 464	42.1	20 154 445.95	56.8

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1987

DOWNBOUND

MONTREAL-LAKE ONTARIO SECTION													
TYPE OF TRANSIT AND CARGO		VESSEL TRANSITS		GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
		Loaded	Ball Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
OVERSEAS:													
Bulk	115	-	115	1 314 385	1 359 567	-	-	-	-	-	1 359 567	3.4	1 260 488.87
Grains	266	-	266	4 258 008	-	4 507 615	-	-	-	-	4 507 615	11.3	2 684 600.44
Government Aid	4	-	4	40 692	-	-	30 618	-	-	-	30 618	0.1	19 176.72
Containers	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00
General	33	-	33	350 586	-	-	-	-	-	159 157	159 157	0.4	352 810.99
Mixed	95	-	95	1 276 099	181 653	766 746	180 426	9 830	-	85 321	1 223 976	3.1	922 795.16
In Ballast	-	55	55	554 061	-	-	-	-	-	-	-	0.0	43 154.84
Total Overseas	513	55	568	7 793 831	1 541 220	5 274 361	211 044	9 830	-	244 478	7 280 933	18.2	5 283 027.02
INLAND:													
Bulk	158	-	158	1 903 379	2 447 569	-	-	-	-	-	2 447 569	6.1	2 081 746.38
Grains	477	-	477	7 593 909	-	11 338 936	-	-	-	-	11 338 936	28.4	6 503 759.44
Government Aid	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00
Containers	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00
General	7	-	7	15 988	-	-	-	-	-	4 868	4 868	0.0	11 307.12
Mixed	60	-	60	942 033	9 646	1 316 059	-	-	-	2 522	1 328 227	3.3	770 671.02
In Ballast	-	117	117	956 090	-	-	-	-	-	-	-	0.0	67 562.32
Total Inland	702	117	819	11 411 399	2 457 215	12 654 995	-	-	-	7 390	15 119 600	37.8	9 435 046.28
COASTAL:													
Bulk	40	-	40	368 429	385 681	-	-	-	-	-	385 681	1.0	343 648.18
Grains	9	-	9	148 443	-	190 826	-	-	-	-	190 826	0.5	111 104.96
Government Aid	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00
Containers	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00
General	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00
Mixed	11	-	11	138 432	-	-	-	-	-	-	-	0.0	0.00
In Ballast	-	31	31	297 106	-	181 111	-	-	-	-	181 111	0.5	105 252.28
Total Coastal	60	31	91	952 410	385 681	371 937	-	-	-	-	757 618	1.9	579 474.30
NON-CARGO:													
	38	97	135	193 234	-	-	-	-	-	-	-	0.0	29 605.35
Total Downbound		1 313	300	1 613	4 384 116	18 301 293	211 044	9 830	-	251 868	23 158 151	57.9	15 327 152.95
GRAND TOTAL		2 367	860	3 227	17 387 886	18 324 137	211 044	42 945	4 002 603	39 968 615	100.0	35 481 598.90	100.0

Table 8M

COUNTRY OF REGISTRY

38

TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
1987

Table 9M

MONTREAL-LAKE ONTARIO SECTION

COMMODITY	CARGO TONNES						% OF TOTAL
	Bulk	Grains	Govt. Aid	Containers	General	Total	
Wheat	-	12 559 195	-	-	-	12 559 195	31.4
Corn	-	2 117 099	-	-	-	2 117 099	5.3
Rye	-	34 100	-	-	-	34 100	0.1
Oats	-	107 251	-	-	-	107 251	0.3
Barley	-	1 422 006	-	-	-	1 422 006	3.6
Flour, Wheat	-	-	8 599	-	-	8 599	0.0
Flour, Edible, Other	25 470	-	24 712	22	2	50 206	0.1
Soybeans	-	1 104 387	-	-	-	1 104 387	2.8
Soybean Oil, Cake and Meal	5 464	-	-	40	-	5 504	0.0
Beans and Peas	-	227 864	-	-	-	227 864	0.6
Malt	-	5 230	-	-	-	5 230	0.0
Flaxseed	-	374 843	-	-	-	374 843	0.9
Sunflower Seeds	-	131 637	-	-	-	131 637	0.3
Other Agricultural Products	16 041	240 525	49 067	474	80	306 187	0.8
Total Agricultural Products	46 975	18 324 137	82 378	536	82	18 454 108	46.2
Packing House Products, Edible	4 986	-	-	518	4	5 508	0.0
Hides, Skins and Pelts	-	-	-	-	2	2	0.0
Other Animal Products	49 023	-	-	442	7	49 472	0.1
Total Animal Products	54 009	-	-	960	13	54 982	0.1
Bituminous Coal	233 756	-	-	-	-	233 756	0.6
Coke	654 432	-	-	-	-	654 432	1.6
Iron Ore	9 557 376	-	-	-	-	9 557 376	23.9
Aluminum Ore and Concentrates	169 584	-	-	-	-	169 584	0.4
Clay and Bentonite	164 766	-	-	-	-	164 766	0.4
Gravel and Sand	-	-	-	-	-	-	0.0
Stone, Ground or Crushed	231 637	-	-	-	-	231 637	0.6
Stone, Rough	-	-	-	21	-	21	0.0
Petroleum, Crude	-	-	-	-	-	-	0.0
Salt	928 559	-	-	-	-	928 559	2.3
Phosphate Rock	47 223	-	-	-	-	47 223	0.1
Sulphur	-	-	-	-	-	-	0.0
Other Mine Products	1 230 408	-	-	417	961	1 231 786	3.1
Total Mine Products	13 217 741	-	-	438	961	13 219 140	33.1
Pulpwood	2 357	-	-	-	-	2 357	0.0
Other Forest Products	-	-	-	256	8 374	8 630	0.0
Total Forest Products	2 357	-	-	256	8 374	10 987	0.0
Gasoline	167 472	-	-	-	-	167 472	0.4
Fuel Oil	481 049	-	-	-	-	481 049	1.2
Lubricating Oils and Greases	59 819	-	-	-	7	59 826	0.1
Petroleum Products, Other	181 341	-	-	-	106	181 447	0.5
Rubber, Crude, Natural, Synthetic	-	-	-	-	505	505	0.0
Chemicals	811 173	-	-	1 312	293	812 778	2.0
Sodium Products	135 152	-	-	135	21	135 308	0.3
Tar, Pitch and Creosote	22 932	-	-	-	14	22 946	0.1
Pig Iron	124 355	-	-	-	-	124 355	0.3
Iron and Steel, Bars, Rods, Slabs	-	-	-	322	972 074	972 396	2.4
Iron and Steel, Nails and Wire	-	-	-	1 394	6 633	8 027	0.0
Iron and Steel, Manufactured	-	-	-	3 352	2 630 628	2 633 980	6.6
Machinery and Machines	40	-	-	7 607	62 853	70 500	0.2
Cement	242 637	-	-	121	-	242 758	0.6
Woodpulp	139 872	-	-	-	-	139 872	0.3
Newsprint	-	-	-	-	-	-	0.0
Syrup and Molasses	3 300	-	-	-	3 250	3 300	0.0
Sugar	448 111	-	-	64	-	448 175	1.1
Food Products	-	-	34 260	1 131	74	35 465	0.1
Scrap Iron and Steel	344 352	-	-	-	-	344 352	0.9
Other Manufactures and Misc. (1)	905 199	-	94 406	25 317	316 715	1 341 637	3.4
Total Manufactures and Misc.	4 066 804	-	128 666	40 755	3 993 173	8 229 398	20.6
GRAND TOTAL	17 387 886	18 324 137	211 044	42 945	4 002 603	39 968 615	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1987

Table 10M Part A

MONTREAL-LAKE ONTARIO SECTION

NO.	COMMODITY	From: To:	UPBOUND TONNES						TOTAL UPBOUND	% OF TOTAL UP- BOUND
			Canada		United States		Foreign			
			Canada	United States	Canada	United States	Canada	United States		
1	Wheat		-	20 345	-	-	-	-	20 345	0.1
2	Corn		2 499	-	-	-	-	-	2 499	0.0
3	Rye		-	-	-	-	-	-	-	0.0
4	Oats		-	-	-	-	-	-	-	0.0
5	Barley		-	-	-	-	-	-	-	0.0
6	Flour, Wheat		-	-	-	-	-	-	-	0.0
7	Flour, Edible, Other		25 470	-	-	-	-	-	25 470	0.2
8	Soybeans		-	-	-	-	-	-	-	0.0
9	Soybean Oil, Cake and Meal		-	-	-	-	-	40	40	0.0
10	Beans and Peas		-	-	-	-	-	-	-	0.0
11	Malt		-	-	-	-	-	-	-	0.0
12	Flaxseed		-	-	-	-	-	-	-	0.0
13	Sunflower Seeds		-	-	-	-	-	-	-	0.0
14	Other Agricultural Products		-	-	-	-	9 376	58	9 434	0.1
15	Total Agricultural Products		27 969	20 345	-	-	9 376	98	57 788	0.3
16	Packing House Products, Edible		-	-	-	-	-	506	506	0.0
17	Hides, Skins and Pelts		-	-	-	-	1	-	1	0.0
18	Other Animal Products		-	-	-	-	29	288	317	0.0
19	Total Animal Products		-	-	-	-	30	794	824	0.0
20	Bituminous Coal		-	-	-	-	-	-	-	0.0
21	Coke		-	-	-	-	-	-	-	0.0
22	Iron Ore		4 813 768	4 689 855	-	-	-	53 753	9 557 376	56.9
23	Aluminum Ore and Concentrates		-	-	-	-	146 528	23 056	169 584	1.0
24	Clay and Bentonite		-	-	-	-	-	5 753	5 753	0.0
25	Gravel and Sand		-	-	-	-	-	-	-	0.0
26	Stone, Ground or Crushed		-	-	-	-	-	-	-	0.0
27	Stone, Rough		-	-	-	-	21	-	21	0.0
28	Petroleum, Crude		-	-	-	-	-	-	-	0.0
29	Salt		-	-	-	-	-	-	-	0.0
30	Phosphate Rock		-	-	47 223	-	-	-	47 223	0.3
31	Sulphur		-	-	-	-	-	-	-	0.0
32	Other Mine Products		675 240	44 009	28 606	-	138 728	130 426	1 017 009	6.0
33	Total Mine Products		5 489 008	4 733 864	75 829	-	285 277	212 988	10 796 966	64.2
34	Pulpwood		-	-	-	-	-	2 357	2 357	0.0
35	Other Forest Products		-	-	-	-	5 695	108	5 803	0.0
36	Total Forest Products		-	-	-	-	5 695	2 465	8 160	0.0
37	Gasoline		45 698	-	27 170	-	48 528	-	121 396	0.7
38	Fuel Oil		71 969	63 603	-	-	18 464	-	154 036	0.9
39	Lubricating Oils and Greases		9 354	-	30 347	-	20 118	-	59 819	0.4
40	Petroleum Products, Other		91 831	-	12 443	-	36 014	1 300	141 588	0.8
41	Rubber, Crude, Natural, Synthetic		-	-	-	-	-	-	-	0.0
42	Chemicals		9 444	2 229	108 175	-	201 096	161 619	482 563	2.9
43	Sodium Products		-	-	36 692	-	-	101	36 793	0.2
44	Tar, Pitch and Creosote		-	-	-	-	-	-	-	0.0
45	Pig Iron		21 551	100 263	-	-	-	2 541	124 355	0.7
46	Iron and Steel, Bars, Rods, Slabs		-	-	-	-	542 394	419 810	962 204	5.7
47	Iron and Steel, Nails and Wire		-	-	-	-	985	6 935	7 920	0.0
48	Iron and Steel, Manufactured		-	5 363	-	-	400 782	2 085 312	2 491 457	14.8
49	Machinery and Machines		40	-	-	-	11 899	38 433	50 372	0.3
50	Cement		-	22 708	-	-	121	87 841	110 670	0.7
51	Woodpulp		-	-	-	-	20 274	80 284	100 558	0.6
52	Newsprint		-	-	-	-	-	-	-	0.0
53	Syrup and Molasses		3 300	-	-	-	-	-	3 300	0.0
54	Sugar		-	-	-	-	440 151	8 024	448 175	2.7
55	Food Products		-	-	-	-	692	249	941	0.0
56	Scrap Iron and Steel		-	-	-	-	-	-	-	0.0
57	Other Manufactures and Misc. (1)		24 148	143 618	36 270	-	116 955	329 588	650 579	3.9
58	Total Manufactures and Misc.		277 335	337 784	251 097	-	1 858 473	3 222 037	5 946 726	35.4
59	GRAND TOTAL		5 794 312	5 091 993	326 926	-	2 158 851	3 438 382	16 810 464	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1987

Table 10M Part B

MONTREAL-LAKE ONTARIO SECTION

DOWNBOUND TONNES						TOTAL DOWNBOUND	% OF TOTAL DOWN- BOUND	GRAND TOTALS		NO.
From: Canada			United States					TOTAL CARGO TONNES	% OF TOTAL	
To: Canada	United States	Foreign	Canada	United States	Foreign					
10 536 911	-	298 063	162 251	-	1 541 625	12 538 850	54.1	12 559 195	31.4	1
342 391	-	54 086	671 194	-	1 046 929	2 114 600	9.1	2 117 099	5.3	2
-	-	28 893	-	-	5 207	34 100	0.1	34 100	0.1	3
38 868	15 338	38 794	14 251	-	-	107 251	0.5	107 251	0.3	4
957 375	-	-	228 606	-	236 025	1 422 006	6.1	1 422 006	3.6	5
-	-	100	-	-	8 499	8 599	0.0	8 599	0.0	6
-	-	24	-	-	24 712	24 736	0.1	50 206	0.1	7
-	-	85 602	31 491	-	987 294	1 104 387	4.8	1 104 387	2.8	8
5 464	-	-	-	-	-	5 464	0.0	5 504	0.0	9
-	-	198 288	-	-	29 576	227 864	1.0	227 864	0.6	10
-	-	5 138	-	-	92	5 230	0.0	5 230	0.0	11
3 435	-	371 408	-	-	-	374 843	1.6	374 843	0.9	12
-	-	-	-	-	131 637	131 637	0.6	131 637	0.3	13
24 821	-	182 171	-	-	89 761	296 753	1.3	306 187	0.8	14
11 909 265	15 338	1 262 567	1 107 793	-	4 101 357	18 396 320	79.4	18 454 108	46.2	15
-	-	3 008	-	-	1 994	5 002	0.0	5 508	0.0	16
-	-	1	-	-	-	-	0.0	2	0.0	17
-	-	33 174	-	-	15 981	49 155	0.2	49 472	0.1	18
-	-	36 183	-	-	17 975	54 158	0.2	54 982	0.1	19
-	-	-	208 828	-	24 928	233 756	1.0	233 756	0.6	20
111 704	-	-	400 996	-	141 732	654 432	2.8	654 432	1.6	21
-	-	-	-	-	-	-	0.0	9 557 376	23.9	22
-	-	-	-	-	-	-	0.0	169 584	0.4	23
-	-	-	105 111	-	53 902	159 013	0.7	164 766	0.4	24
-	-	-	-	-	-	-	0.0	-	0.0	25
-	-	-	231 637	-	-	231 637	1.0	231 637	0.6	26
-	-	-	-	-	-	-	0.0	21	0.0	27
-	-	-	-	-	-	-	0.0	-	0.0	28
790 944	-	21 455	116 160	-	-	928 559	4.0	928 559	2.3	29
-	-	-	-	-	-	-	0.0	47 223	0.1	30
-	-	-	-	-	-	-	0.0	-	0.0	31
34 119	20 816	155 328	-	-	4 514	214 777	0.9	1 231 786	3.1	32
936 767	20 816	176 783	1 062 732	-	225 076	2 422 174	10.5	13 219 140	33.1	33
-	-	-	-	-	-	-	0.0	2 357	0.0	34
-	-	1 501	6	-	1 320	2 827	0.0	8 630	0.0	35
-	-	1 501	6	-	1 320	2 827	0.0	10 987	0.0	36
42 296	-	-	3 780	-	-	46 076	0.2	167 472	0.4	37
225 694	101 319	-	-	-	-	327 013	1.4	481 049	1.2	38
-	-	7	-	-	-	7	0.0	59 826	0.1	39
23 877	4 750	11 155	25	-	52	39 859	0.2	181 447	0.5	40
-	-	505	-	-	-	505	0.0	505	0.0	41
77 001	61 674	177 050	7 129	-	7 361	330 215	1.4	812 778	2.0	42
98 460	-	21	-	-	34	98 515	0.4	135 308	0.3	43
-	-	10	22 932	-	4	22 946	0.1	22 946	0.1	44
-	-	-	-	-	-	-	0.0	124 355	0.3	45
-	-	10 133	-	-	59	10 192	0.0	972 396	2.4	46
-	-	91	-	-	16	107	0.0	8 027	0.0	47
-	-	115 419	5 905	-	21 199	142 523	0.6	2 633 980	6.6	48
-	-	11 955	987	-	7 186	20 128	0.1	70 500	0.2	49
-	132 088	-	-	-	-	132 088	0.6	242 758	0.6	50
-	-	39 314	-	-	-	39 314	0.2	139 872	0.3	51
-	-	3 250	-	-	-	3 250	0.0	3 250	0.0	52
-	-	-	-	-	-	-	0.0	3 300	0.0	53
-	-	-	-	-	-	-	0.0	448 175	1.1	54
-	-	584	31	-	33 909	34 524	0.1	35 465	0.1	55
27	-	140 207	-	-	204 118	344 352	1.5	344 352	0.9	56
15 571	1 357	115 719	5 867	-	552 544	691 058	3.0	1 341 637	3.4	57
482 926	301 188	625 420	46 656	-	826 482	2 282 672	9.9	8 229 398	20.6	58
13 328 958	337 342	2 102 454	2 217 187	-	5 172 210	23 158 151	100.0	39 968 615	100.0	59

TRAFFIC BY VESSEL LENGTH
1987

Table 11H

VESSEL LENGTH		VESSEL TRANSITS		GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
		Loaded	Ball	Total	Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:													
under 32 m		2	54	56	140	-	-	-	-	140	0.0	2 718.80	0.0
32 - 62 m		46	48	94	4 171	2 499	-	-	-	6 670	0.0	21 725.05	0.1
63 - 93 m		32	18	50	125 429	-	-	930	2 884	129 243	0.3	121 686.54	0.3
94 - 124 m		99	31	130	419 267	-	-	667	120 860	540 794	1.4	626 827.18	1.8
125 - 155 m		114	85	199	1 634 895	-	-	6 313	340 575	889 664	2.2	1 234 908.05	3.5
156 - 186 m		244	61	305	4 438 011	20 345	-	7 984	1 915 447	3 287 296	8.2	5 417 479.03	15.3
187 - 217 m		99	56	155	2 462 230	-	-	1 982	790 086	1 551 529	3.9	2 436 754.91	6.9
over 217 m		418	207	625	9 809 006	-	-	15 239	580 883	10 405 128	26.0	10 292 346.39	29.0
Total Upbound		1 054	560	1 614	13 003 770	22 844	-	33 115	3 750 735	16 810 464	42.1	20 154 445.95	56.8
DOWNBOUND:													
under 32 m		2	36	38	27	-	-	-	-	27	0.0	1 983.68	0.0
32 - 62 m		38	50	88	173	-	-	-	-	173	0.0	16 537.27	0.0
63 - 93 m		11	41	52	7 105	92	-	66	5 201	12 464	0.0	19 787.88	0.1
94 - 124 m		93	39	132	418 039	98 968	415	394	24 002	541 818	1.4	468 418.66	1.3
125 - 155 m		154	45	199	866 388	270 033	143 926	6 458	66 754	1 353 559	3.4	1 171 750.58	3.3
156 - 186 m		278	34	312	4 498 185	3 175 300	66 703	2 912	67 825	4 117 387	10.3	2 855 828.97	8.0
187 - 217 m		143	23	166	2 64 805	2 136 923	-	-	85 894	2 487 622	6.2	1 715 448.01	4.8
over 217 m		594	32	626	2 022 932	12 619 977	-	-	2 192	14 645 101	36.6	9 077 397.90	25.6
Total Downbound		1 313	300	1 613	4 384 116	18 301 293	211 044	9 830	251 868	23 158 151	57.9	15 327 152.95	43.2
TOTALS:													
under 32 m		4	90	94	167	-	-	-	-	167	0.0	4 702.48	0.0
32 - 62 m		84	98	182	4 344	2 499	-	-	-	6 843	0.0	38 262.32	0.1
63 - 93 m		43	59	102	132 534	92	-	996	8 085	141 707	0.4	141 474.42	0.4
94 - 124 m		192	70	262	837 306	98 968	415	1 061	144 862	1 082 612	2.7	1 095 245.84	3.1
125 - 155 m		268	130	398	1 409 164	270 033	143 926	12 771	407 329	2 243 223	5.6	2 406 658.63	6.8
156 - 186 m		522	95	617	2 148 167	3 195 645	66 703	10 896	1 983 272	7 404 683	18.5	8 273 308.00	23.3
187 - 217 m		242	79	321	1 024 266	2 136 923	-	1 982	875 980	4 039 151	10.1	4 152 202.92	11.7
over 217 m		1 012	239	1 251	11 831 938	12 619 977	-	15 239	583 075	25 050 229	62.7	19 369 744.29	54.6
GRAND TOTAL		2 367	860	3 227	17 387 886	18 324 137	211 044	42 945	4 002 603	39 968 615	100.0	35 481 598.90	100.0

TRAFFIC BY VESSEL SIZE IN GROSS REGISTERED TONS
1987

Table 12M

MONTREAL-LAKE ONTARIO SECTION

GROSS REGISTERED TONS	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%
UPBOUND:											
under 1000	47	106	153	50 008	4 311	-	-	-	-	4 311	0.0
1000- 1999	21	13	34	66 265	36 932	2 499	-	1 597	8 546	49 574	0.1
2000- 2999	20	3	23	64 825	104 281	-	-	-	448	104 729	0.3
3000- 3999	32	9	41	146 691	117 281	-	-	-	24 848	142 129	0.4
4000- 4999	40	21	61	284 850	212 956	-	-	-	22 891	235 847	0.6
5000- 5999	30	26	56	312 951	165 237	-	-	-	38 375	203 612	0.5
6000- 6999	14	20	34	224 630	62 920	-	-	-	46 619	109 539	0.3
7000- 7999	13	5	18	136 235	74 785	-	-	-	29 600	104 385	0.3
8000- 8999	21	15	36	303 531	109 806	-	-	3 354	40 542	153 702	0.4
9000- 9999	39	27	66	626 187	302 147	20 345	-	2 895	90 093	415 480	1.0
10000-10999	21	11	32	341 049	101 461	-	-	2 911	72 846	177 218	0.4
11000-11999	41	5	46	527 400	347 691	-	-	-	55 162	402 853	1.0
12000-12999	19	13	32	401 173	95 047	-	-	-	106 505	201 883	0.5
13000-13999	20	21	41	563 040	96 359	-	-	2 565	139 200	238 124	0.6
14000-14999	24	3	27	395 082	202 319	-	-	-	172 997	375 316	0.9
15000-15999	136	59	195	3 058 383	2 316 266	-	-	649	462 526	2 779 441	7.0
16000-16999	237	127	364	5 986 497	4 040 209	-	-	1 078	1 001 117	5 042 404	12.6
17000 & over	279	76	355	6 647 091	4 613 762	-	-	17 735	1 438 420	6 069 917	15.2
Total Up	1 054	560	1 614	20 135 888	13 003 770	22 844	-	33 115	3 750 735	16 810 464	42.1
DOWNBOUND:											
under 1000	45	84	129	45 337	1 291	-	-	-	2 267	3 558	0.0
1000- 1999	8	28	36	68 397	4 120	92	-	308	5 643	10 163	0.0
2000- 2999	3	20	23	65 001	6 014	4 476	-	-	-	10 490	0.0
3000- 3999	29	13	42	150 006	101 903	20 742	-	-	12 818	135 463	0.3
4000- 4999	44	17	61	284 849	208 269	57 761	415	80	7 795	274 320	0.7
5000- 5999	38	17	55	307 107	213 138	35 542	-	1 892	2 155	252 727	0.6
6000- 6999	30	6	36	234 968	192 778	31 094	17 108	404	2 411	243 795	0.6
7000- 7999	9	12	21	159 459	36 669	14 649	114	193	7 372	58 997	0.1
8000- 8999	27	13	40	339 477	189 637	37 474	2 727	1 641	2 917	234 396	0.6
9000- 9999	66	6	72	682 917	58 165	582 123	61 927	2 551	43 564	748 330	1.9
10000-10999	28	7	35	373 419	184 513	78 896	42 871	192	6 624	313 096	0.8
11000-11999	37	9	46	527 400	318 650	28 723	32 120	192	2 342	382 027	1.0
12000-12999	25	7	32	401 170	79 744	257 881	6 124	743	6 780	351 272	0.9
13000-13999	37	4	41	563 040	167 060	390 066	28 322	-	2	585 450	1.5
14000-14999	27	1	28	409 456	47 359	381 876	-	1 041	4 135	434 411	1.1
15000-15999	193	6	199	3 122 044	129 857	3 866 389	8 087	-	40 570	4 044 903	10.1
16000-16999	339	23	362	5 954 072	291 814	7 226 210	11 229	593	51 880	7 581 726	19.0
17000 & over	328	27	355	6 662 755	2 153 135	5 287 299	-	-	52 593	7 493 027	18.7
Total Down	1 313	300	1 613	20 350 874	4 384 116	18 301 293	211 044	9 830	251 868	23 158 151	57.9
TOTALS:											
under 1000	92	190	282	95 345	5 602	-	-	-	2 267	7 869	0.0
1000- 1999	29	41	70	134 662	41 052	2 591	-	1 905	14 189	59 737	0.1
2000- 2999	23	23	46	129 826	110 295	4 476	-	-	448	115 219	0.3
3000- 3999	61	22	83	296 697	219 184	20 742	-	-	37 666	277 592	0.7
4000- 4999	84	38	122	569 699	421 225	57 761	415	80	30 686	510 167	1.3
5000- 5999	68	43	111	620 058	378 375	35 542	-	1 892	40 530	456 339	1.1
6000- 6999	44	26	70	459 598	255 698	31 094	17 108	404	49 030	353 334	0.9
7000- 7999	22	17	39	295 694	111 454	14 649	114	193	36 972	163 382	0.4
8000- 8999	48	28	76	643 008	299 443	37 474	2 727	4 995	43 459	388 098	1.0
9000- 9999	105	33	138	1 309 104	360 312	602 468	61 927	5 446	133 657	1 163 810	2.9
10000-10999	49	18	67	714 468	285 974	78 896	42 871	3 103	79 470	490 314	1.2
11000-11999	78	14	92	1 054 800	666 341	28 723	32 120	192	57 504	784 880	2.0
12000-12999	44	20	64	802 343	174 791	257 881	6 124	1 074	113 285	553 155	1.4
13000-13999	57	25	82	1 126 080	263 419	390 066	28 322	2 565	139 202	823 574	2.1
14000-14999	51	4	55	804 538	249 678	381 876	-	1 041	177 132	809 727	2.0
15000-15999	329	65	394	6 180 427	2 446 123	3 866 389	8 087	649	503 096	6 824 344	17.1
16000-16999	576	150	726	11 940 569	4 332 023	7 226 210	11 229	1 671	1 052 997	12 624 130	31.6
17000 & over	607	103	710	13 309 846	6 766 897	5 287 299	-	17 735	1 491 013	13 562 944	33.9
GRAND TOTAL	2 367	860	3 227	40 486 762	17 387 886	18 324 137	211 044	42 945	4 002 603	39 968 615	100.0

TRAFFIC BY MONTH AND TYPE OF CARGO
1987

Table 13M

DIRECTION AND MONTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE		
	Loaded	Ball			Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
			Total										
UPBOUND:													
March	4	4	8	82 234	98 396	-	-	-	-	98 396	0.2	90 273.16	0.3
April	105	74	179	2 463 708	1 401 513	13 368	-	2 448	330 705	1 748 034	4.4	2 039 507.00	5.7
May	119	91	210	2 861 634	1 441 678	9 476	-	6 030	496 198	1 953 382	4.9	2 464 094.58	6.9
June	107	78	185	2 171 962	1 346 732	-	-	6 837	372 027	1 725 596	4.3	2 058 964.28	5.8
July	109	41	150	1 604 440	1 021 365	-	-	3 374	466 916	1 491 655	3.7	1 930 840.32	5.4
August	119	31	150	1 728 363	1 316 255	-	-	2 812	373 727	1 692 794	4.2	2 008 922.91	5.7
September	128	56	184	2 295 763	1 636 393	-	-	4 807	452 183	2 093 383	5.2	2 478 399.75	7.0
October	142	77	219	2 545 621	1 867 346	-	-	2 365	396 859	2 266 570	5.7	2 573 159.85	7.3
November	156	66	222	3 040 174	1 858 438	-	-	4 159	765 650	2 628 247	6.6	3 349 658.20	9.4
December	65	42	107	1 341 989	1 015 654	-	-	283	96 470	1 112 407	2.8	1 160 625.90	3.3
January	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Total Upbound	1 054	560	1 614	20 135 888	13 003 770	22 844	-	33 115	3 750 735	16 810 464	42.1	20 154 445.95	56.8
DOWNBOUND:													
March	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
April	123	14	137	1 870 078	402 648	2 107 896	-	194	6 263	2 517 001	6.3	1 578 995.58	4.5
May	186	21	207	2 844 964	739 125	2 655 358	-	1 278	82 441	3 490 501	8.7	2 398 662.15	6.8
June	163	39	202	2 412 185	588 807	2 274 170	-	274	14 396	2 877 647	7.2	1 891 322.49	5.3
July	97	41	138	1 422 726	305 175	1 061 582	-	729	22 028	1 407 182	3.5	1 974 861.33	2.7
August	115	48	163	1 875 281	509 127	1 149 010	-	2 404	33 868	1 727 851	4.3	1 264 651.27	3.6
September	133	36	169	2 165 196	338 588	2 004 367	-	877	10 214	2 377 221	5.9	1 526 183.65	4.3
October	186	35	221	2 775 027	513 283	2 633 484	-	388	31 131	3 236 835	8.1	2 062 025.14	5.8
November	161	34	195	2 550 341	491 112	2 420 847	-	686	20 553	2 965 322	7.4	1 925 005.12	5.4
December	149	32	181	2 435 076	496 251	1 994 579	-	3 000	30 974	2 558 591	6.4	1 705 446.22	4.8
January	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Total Downbound	1 313	300	1 613	20 350 874	4 384 116	18 301 293	211 044	9 830	251 868	23 158 151	57.9	15 327 152.95	43.2
TOTALS:													
March	4	4	8	82 234	98 396	13 368	-	-	-	98 396	0.2	90 273.16	0.3
April	228	88	316	4 333 786	1 804 161	2 121 264	-	2 642	336 968	4 265 035	10.7	3 618 502.58	10.2
May	305	112	417	5 706 598	2 180 803	2 664 834	-	7 308	578 639	5 443 883	13.6	4 862 756.73	13.7
June	270	117	387	4 584 147	1 935 539	2 274 170	12 299	7 111	386 423	4 603 243	11.5	3 950 286.77	11.1
July	206	82	288	3 027 166	1 326 540	1 061 582	-	4 103	488 944	2 898 837	7.3	2 905 701.65	8.2
August	234	79	313	3 603 644	1 825 382	1 149 010	17 668	5 216	407 595	3 420 645	8.6	3 273 574.18	9.2
September	261	92	353	4 460 959	1 974 981	2 004 367	33 442	5 684	462 397	4 470 604	11.2	4 004 583.40	11.3
October	328	112	440	5 320 648	2 380 629	2 633 484	23 175	2 753	427 990	5 503 405	13.8	4 635 184.99	13.1
November	317	100	417	5 590 515	2 349 550	2 420 847	58 549	4 845	786 203	5 593 569	14.0	5 274 663.32	14.9
December	214	74	288	3 777 065	1 511 905	1 994 579	33 787	3 283	127 444	3 670 998	9.2	2 866 072.12	18.1
January	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
February	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
GRAND TOTAL	2 367	860	3 227	40 486 762	17 387 886	18 324 137	211 044	42 945	4 002 603	39 968 615	100.0	35 481 598.90	100.0

TRAFFIC RESULTS 1959-1987

HISTORICAL TABLE 14M

HISTORICAL TABLE 14M													MONTREAL LAKE ONTARIO SECTION												
YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONS			TOLL REVENUE															
	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL													
1959	3 732	3 720	7 452	9 933 505	8 748 278	18 681 783	12 577 585	12 508 410	25 085 995	\$5 516 900	\$4 529 977	\$10 046 877													
1960	3 445	3 424	6 869	7 966 552	10 458 683	18 425 235	12 609 246	12 522 004	25 131 250	\$4 529 504	\$5 579 555	\$10 109 059													
1961	3 445	3 447	6 892	7 470 204	13 773 993	21 244 197	14 493 351	14 415 227	28 908 578	\$4 445 583	\$6 961 477	\$11 407 060													
1962	3 170	3 181	6 351	9 869 712	13 348 410	23 218 122	15 472 804	15 538 657	31 011 461	\$5 688 163	\$6 886 612	\$12 574 775													
1963	3 152	3 133	6 285	12 283 320	15 787 597	28 070 917	17 537 549	17 493 162	35 030 711	\$7 005 530	\$8 116 752	\$15 122 282													
1964	3 383	3 396	6 779	16 806 727	18 853 823	35 660 550	20 266 121	20 322 026	40 588 147	\$9 394 046	\$9 691 201	\$19 085 247													
1965	3 634	3 696	7 330	20 062 880	19 293 390	39 356 270	22 185 070	22 283 710	44 468 780	\$12 010 414	\$9 798 598	\$21 809 012													
1966	3 666	3 675	7 341	23 381 538	21 296 726	44 678 264	25 051 331	24 966 394	50 017 725	\$13 613 843	\$10 720 519	\$24 334 362													
1967	3 446	3 475	6 921	24 260 978	15 681 129	39 942 107	23 050 237	23 128 249	46 178 486	\$14 045 734	\$8 304 054	\$22 349 788													
1968	3 270	3 306	6 576	27 566 575	15 936 424	43 502 999	23 968 459	24 043 967	48 012 426	\$16 509 868	\$8 378 997	\$24 888 865													
1969	3 198	3 194	6 392	20 362 081	16 845 229	37 207 310	21 487 237	21 519 976	43 007 213	\$12 410 508	\$9 045 970	\$21 456 478													
1970	3 122	3 158	6 280	22 897 783	23 523 651	46 421 434	22 538 319	22 591 596	45 129 915	\$13 427 323	\$12 272 127	\$25 700 450													
1971	3 023	3 048	6 071	23 615 721	24 453 688	48 069 409	24 814 664	24 842 334	49 656 998	\$15 134 510	\$12 731 386	\$27 301 089													
1972	2 977	2 985	5 962	23 119 000	25 557 430	48 676 430	25 124 503	25 089 415	50 213 918	\$14 569 703	\$12 731 386	\$27 301 089													
1973	3 064	3 061	6 125	25 065 766	27 219 041	52 284 807	25 788 061	25 949 756	51 737 817	\$14 508 317	\$13 386 074	\$27 894 391													
1974	2 140	2 120	4 260	20 870 412	19 178 567	40 048 979	18 975 796	19 057 417	38 033 213	\$11 742 003	\$9 577 814	\$21 319 817													
1975	2 353	2 351	4 704	19 899 887	23 654 416	43 554 303	22 041 474	22 062 562	44 104 036	\$11 022 784	\$11 569 430	\$22 592 214													
1976	2 426	2 433	4 859	26 143 114	23 205 325	49 348 439	24 111 968	24 155 231	48 267 199	\$14 178 101	\$11 635 123	\$25 813 224													
1977	2 594	2 591	5 185	31 764 277	25 692 064	57 456 341	27 034 614	27 070 012	54 104 626	\$18 087 006	\$12 682 285	\$30 769 291													
1978	2 640	2 622	5 262	24 854 039	32 088 641	56 942 680	29 421 326	29 238 061	58 659 387	\$17 373 230	\$15 837 793	\$33 211 023													
1979	2 425	2 421	4 846	24 382 965	30 939 128	55 322 093	27 354 785	27 387 252	54 742 037	\$19 829 809	\$16 035 932	\$35 865 741													
1980	2 482	2 476	4 958	14 925 615	34 528 494	49 454 109	28 092 501	28 258 082	56 350 583	\$13 253 210	\$19 145 125	\$32 398 335													
1981	2 283	2 291	4 574	18 822 201	31 747 056	50 569 257	26 422 767	26 428 932	52 851 699	\$17 478 725	\$16 933 100	\$34 411 825													
1982	2 147	2 156	4 303	11 149 898	31 665 416	42 815 314	25 716 121	25 798 862	51 514 983	\$12 588 296	\$20 744 385	\$33 332 681													
1983	1 931	1 939	3 870	15 579 017	29 481 964	45 060 981	24 194 830	24 155 396	48 350 226	\$18 567 582	\$19 113 308	\$37 680 890													
1984	1 878	1 881	3 759	18 636 683	28 868 773	47 505 456	24 133 253	24 198 087	48 331 340	\$22 956 821	\$18 642 079	\$41 598 900													
1985	1 538	1 550	3 088	14 825 309	22 496 389	37 321 698	19 348 019	19 581 652	38 929 671	\$18 210 621	\$15 355 006	\$33 565 627													
1986	1 663	1 644	3 307	14 646 185	22 935 623	37 581 808	20 702 503	20 768 506	41 471 009	\$18 086 324	\$15 968 059	\$34 054 383													
1987	1 614	1 613	3 227	16 810 464	23 158 151	39 968 615	20 135 888	20 350 874	40 486 762	\$20 154 446	\$15 327 153	\$35 481 599													
TOTAL	79 841	79 987	159 828	547 972 408	650 417 499	1 198 389 907	644 650 382	645 725 809	1 290 376 191	\$396 338 904	\$357 001 795	\$753 340 699													

CARGO BY TARIFF CLASSIFICATION

HISTORICAL TABLE 15M

MONTREAL LAKE-ONTARIO SECTION

YEAR	BULK		GRAINS		GOVT AID		CONTAINERS		GENERAL		TOTAL	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	16 912 625	90.5	-	0.0	-	0.0	-	0.0	1 769 158	9.5	18 681 783	100.0
1960	16 380 534	88.9	-	0.0	-	0.0	-	0.0	2 044 701	11.1	18 425 235	100.0
1961	19 362 530	91.1	-	0.0	-	0.0	-	0.0	1 881 667	8.9	21 244 197	100.0
1962	20 934 187	90.2	-	0.0	-	0.0	-	0.0	2 283 935	9.8	23 218 122	100.0
1963	25 403 072	90.5	-	0.0	-	0.0	-	0.0	2 667 844	9.5	28 070 916	100.0
1964	32 325 207	90.6	-	0.0	-	0.0	-	0.0	3 335 343	9.4	35 660 550	100.0
1965	34 294 717	87.1	-	0.0	-	0.0	-	0.0	5 061 553	12.9	39 356 270	100.0
1966	39 699 009	88.9	-	0.0	-	0.0	-	0.0	4 979 255	11.1	44 678 264	100.0
1967	34 532 794	86.5	-	0.0	-	0.0	-	0.0	5 409 313	13.5	39 942 107	100.0
1968	36 242 775	83.3	-	0.0	-	0.0	-	0.0	7 260 224	16.7	43 502 999	100.0
1969	30 807 438	82.8	-	0.0	-	0.0	-	0.0	6 399 872	17.2	37 207 310	100.0
1970	40 481 680	87.2	-	0.0	-	0.0	-	0.0	5 939 754	12.8	46 421 434	100.0
1971	40 252 577	83.7	-	0.0	-	0.0	-	0.0	7 816 832	16.3	48 069 409	100.0
1972	41 558 573	85.4	-	0.0	-	0.0	-	0.0	7 117 856	14.6	48 676 429	100.0
1973	47 000 157	89.9	-	0.0	-	0.0	-	0.0	5 284 650	10.1	52 284 807	100.0
1974	35 946 352	89.8	-	0.0	-	0.0	-	0.0	4 102 627	10.2	40 048 979	100.0
1975	40 272 182	92.5	-	0.0	-	0.0	-	0.0	3 282 122	7.5	43 554 304	100.0
1976	45 231 966	91.7	-	0.0	-	0.0	-	0.0	4 116 474	8.3	49 348 440	100.0
1977	51 294 573	89.3	-	0.0	-	0.0	-	0.0	6 161 768	10.7	57 456 341	100.0
1978	24 475 763	43.0	27 736 129	48.7	129 095	0.2	271 485	0.5	4 330 208	7.6	56 942 680	100.0
1979	26 537 818	48.0	24 716 522	44.7	158 942	0.3	229 229	0.4	3 679 582	6.7	55 322 093	100.0
1980	19 859 217	40.2	26 747 760	54.1	168 209	0.3	166 055	0.3	2 512 868	5.1	49 454 109	100.0
1981	22 403 159	44.3	24 453 200	48.4	242 632	0.5	64 746	0.1	3 405 520	6.7	50 569 257	100.0
1982	15 013 588	35.1	24 247 173	56.6	292 456	0.7	78 478	0.2	3 183 619	7.4	42 815 314	100.0
1983	17 158 894	38.1	24 262 669	53.8	294 379	0.7	60 073	0.1	3 284 966	7.3	45 060 981	100.0
1984	18 835 140	39.6	23 500 719	49.5	231 107	0.5	140 684	0.3	4 797 806	10.1	47 505 456	100.0
1985	16 638 709	44.6	16 374 978	43.9	261 917	0.7	113 671	0.3	3 932 423	10.5	37 321 698	100.0
1986	16 988 516	45.2	16 354 059	43.5	227 670	0.6	59 943	0.2	3 951 620	10.5	37 581 808	100.0
1987	17 387 886	43.5	18 324 137	45.8	211 044	0.5	42 945	0.1	4 002 603	10.0	39 968 615	100.0
TOTAL	844 231 638	70.4	226 717 346	18.9	2 217 451	0.2	1 227 309	0.1	123 996 163	10.3	1 198 389 907	100.0

TOTAL TOLLS REVENUE

HISTORICAL TABLE 16H

MONTREAL-LAKE ONTARIO SECTION											
YEAR	CARGO TARIFFS							GROSS REGISTERED TONNAGE	LOCKAGE FEES	OTHER	TOTAL
	BULK	GRAINS	GOVT AID	CONTAINERS	GENERAL		TOTAL				
					\$	\$					
1959	7 331 954	\$ NOT APPLICABLE	\$ NOT APPLICABLE	\$ NOT APPLICABLE	1 728 977	9 060 931	978 909	\$ NOT APPLICABLE	\$	7 037	10 046 877
1960	7 114 602	-	-	-	1 998 181	9 112 783	990 222	-	-	6 054	10 109 059
1961	8 414 049	-	-	-	1 839 790	10 253 839	1 139 634	-	-	13 587	11 407 060
1962	9 071 653	-	-	-	2 265 845	11 337 498	1 219 957	-	-	17 320	12 574 775
1963	11 074 332	-	-	-	2 646 716	13 721 048	1 383 788	-	-	17 446	15 122 282
1964	14 153 997	-	-	-	3 308 928	17 462 925	1 607 500	-	-	14 822	19 085 247
1965	15 011 515	-	-	-	5 021 322	20 032 837	1 760 730	-	-	15 445	21 809 012
1966	17 397 536	-	-	-	4 938 610	22 336 146	1 983 068	-	-	15 148	24 334 362
1967	15 096 582	-	-	-	5 365 115	20 461 697	1 828 439	-	-	59 652	22 349 788
1968	15 803 468	-	-	-	7 188 148	22 991 616	1 888 744	-	-	8 505	24 888 865
1969	13 424 451	-	-	-	6 331 797	19 756 248	1 689 016	-	-	11 214	21 456 478
1970	17 773 483	-	-	-	5 881 526	23 655 009	1 795 912	-	-	8 306	25 459 227
1971	17 677 538	-	-	-	7 748 999	25 426 537	1 974 733	-	-	5 367	27 406 637
1972	18 261 266	-	-	-	7 036 377	25 297 643	1 997 790	-	-	5 656	27 301 089
1973	20 608 149	-	-	-	5 236 108	25 844 257	2 042 408	-	-	7 726	27 894 391
1974	15 744 406	-	-	-	4 063 299	19 807 705	1 499 182	-	-	12 930	21 319 817
1975	17 612 142	-	-	-	3 234 974	20 847 116	1 735 862	-	-	9 236	22 592 214
1976	19 832 324	-	-	-	4 066 527	23 898 851	1 908 740	-	-	5 633	25 813 224
1977	22 528 087	-	-	-	6 094 584	28 622 671	2 140 978	-	-	5 642	30 769 291
1978	12 069 904	11 371 813	52 929	182 583	5 465 001	29 142 230	4 061 063	-	-	7 730	33 211 023
1979	16 253 029	10 133 774	65 157	154 741	5 459 472	32 066 173	3 793 081	-	-	6 487	35 865 741
1980	13 219 689	10 966 582	68 963	112 825	4 125 449	28 493 508	3 896 952	-	-	7 875	32 398 335
1981	14 977 551	10 025 813	99 479	43 356	5 596 334	30 742 533	3 661 658	-	-	7 634	34 411 825
1982	11 595 158	11 637 709	140 056	61 188	6 053 279	29 487 390	3 826 592	-	-	18 699	33 332 681
1983	14 309 062	12 615 852	153 066	50 868	6 704 465	33 833 313	3 829 563	-	-	18 014	37 680 890
1984	15 517 893	12 220 374	119 889	118 834	9 806 857	37 783 847	3 793 441	-	-	21 612	41 598 900
1985	13 688 440	8 514 974	136 105	96 081	8 045 094	30 480 694	3 058 865	-	-	26 068	33 565 627
1986	14 011 885	8 503 773	118 388	50 596	8 072 769	30 757 411	3 264 590	-	-	32 382	34 054 383
1987	14 403 203	9 526 102	109 636	36 356	8 184 021	32 259 318	3 186 952	-	-	35 329	35 481 599
TOTAL	423 977 348	105 516 766	1 063 668	907 428	153 508 564	684 973 774	67 938 369	-	-	428 556	753 340 699

VESSEL TRANSITS

HISTORICAL TABLE 174

MONTREAL-LAKE ONTARIO SECTION

YEAR	UP BOUND				DOWN BOUND				TOTAL			
	CARGO TONNES		TRANSITS		CARGO TONNES	LOADED	BALLAST	TOTAL	CARGO TONNES	TRANSITS		TOTAL
			LOADED	BALLAST								
1959	9 933 504	2 468	1 264	3 732	8 748 279	2 586	1 134	3 720	18 681 783	5 054	2 398	7 452
1960	7 966 552	2 097	1 348	3 445	10 458 684	2 416	1 008	3 424	18 425 236	4 513	2 356	6 869
1961	7 470 204	1 932	1 513	3 445	13 773 993	2 590	857	3 447	21 244 197	4 522	2 370	6 892
1962	9 869 712	2 042	1 128	3 170	13 348 410	2 360	821	3 181	23 218 122	4 402	1 949	6 351
1963	12 283 320	2 147	1 005	3 152	15 787 596	2 271	862	3 133	28 070 916	4 418	1 867	6 285
1964	16 806 728	2 468	915	3 383	18 853 822	2 563	833	3 396	35 660 550	5 031	1 748	6 779
1965	20 062 880	2 813	821	3 634	19 293 390	2 590	1 106	3 696	39 356 270	5 403	1 927	7 330
1966	23 381 538	2 981	685	3 666	21 296 727	2 597	1 078	3 675	44 678 265	5 578	1 763	7 341
1967	24 260 977	2 863	583	3 446	15 681 130	2 050	1 425	3 475	39 942 107	4 913	2 008	6 921
1968	27 566 575	2 898	372	3 270	15 936 424	1 917	1 389	3 306	43 502 999	4 815	1 761	6 576
1969	20 362 082	2 538	660	3 198	16 845 229	1 954	1 240	3 194	37 207 311	4 492	1 900	6 392
1970	22 897 783	2 487	635	3 122	23 523 651	2 140	1 018	3 158	46 421 434	4 627	1 653	6 280
1971	23 615 722	2 532	491	3 023	24 453 687	2 146	902	3 048	48 069 409	4 678	1 393	6 071
1972	23 118 999	2 407	570	2 977	25 557 430	2 172	813	2 985	48 676 429	4 579	1 383	5 962
1973	25 065 766	2 323	741	3 064	27 219 041	2 198	863	3 061	52 284 807	4 521	1 604	6 125
1974	20 870 412	1 697	443	2 140	19 178 567	1 525	595	2 120	40 048 979	3 222	1 038	4 260
1975	19 899 887	1 626	727	2 353	23 654 416	1 864	487	2 351	43 554 303	3 490	1 214	4 704
1976	26 143 114	1 898	528	2 426	23 205 325	1 893	540	2 433	49 348 439	3 791	1 068	4 859
1977	31 764 277	2 233	361	2 594	25 692 063	1 952	639	2 591	57 456 340	4 185	1 000	5 185
1978	24 854 039	1 769	871	2 640	32 088 641	2 231	391	2 622	56 942 680	4 000	1 262	5 262
1979	24 382 965	1 600	825	2 425	30 939 128	2 105	316	2 421	55 322 093	3 705	1 141	4 846
1980	14 925 615	937	1 545	2 482	34 528 494	2 310	166	2 476	49 454 109	3 247	1 711	4 958
1981	18 822 201	1 168	1 115	2 283	31 747 056	2 035	256	2 291	50 569 257	3 203	1 371	4 574
1982	11 149 898	717	1 430	2 147	31 665 416	1 978	178	2 156	42 815 314	2 695	1 608	4 303
1983	15 579 017	955	976	1 931	29 481 964	1 770	169	1 939	45 060 981	2 725	1 145	3 870
1984	18 636 683	1 119	759	1 878	28 868 773	1 694	187	1 881	47 505 456	2 813	946	3 759
1985	14 825 309	924	614	1 538	22 496 389	1 361	189	1 550	37 321 698	2 285	803	3 088
1986	14 646 185	971	692	1 663	22 935 623	1 404	240	1 644	37 581 808	2 375	932	3 307
1987	16 810 464	1 054	560	1 614	23 158 151	1 313	300	1 613	39 968 615	2 367	860	3 227
TOTAL	547 972 406	55 664	24 177	79 841	650 417 501	59 985	20 002	79 987	1 198 389 907	115 649	44 179	159 828

VESSEL ANALYSIS

HISTORICAL TABLE 18M

MONTREAL-LAKE ONTARIO SECTION

YEAR	UP BOUND				DOWN BOUND				TOTAL	
	PERCENT OF TOTAL		PERCENT LOADED	TONNES/LOADED TRANSIT	PERCENT OF TOTAL		PERCENT LOADED	TONNES/LOADED TRANSIT	PERCENT LOADED	TONNES/LOADED TRANSIT
	TONNES	TRANSITS			TONNES	TRANSITS				
1959	53.2%	50.1%	66.1%	4 025	46.8%	49.9%	69.5%	3 383	67.8%	3 696
1960	43.2%	50.2%	60.9%	3 799	56.8%	49.8%	70.6%	4 329	65.7%	4 083
1961	35.2%	50.0%	56.1%	3 867	64.8%	50.0%	75.1%	5 318	65.6%	4 698
1962	42.5%	49.9%	64.4%	4 833	57.5%	50.1%	74.2%	5 656	69.3%	5 274
1963	43.8%	50.2%	68.1%	5 721	56.2%	49.8%	72.5%	6 952	70.3%	6 354
1964	47.1%	49.9%	73.0%	6 810	52.9%	50.1%	75.5%	7 356	74.2%	7 088
1965	51.0%	49.6%	77.4%	7 132	49.0%	50.4%	70.1%	7 449	73.7%	7 284
1966	52.3%	49.9%	81.3%	7 844	47.7%	50.1%	70.7%	8 201	76.0%	8 010
1967	60.7%	49.8%	83.1%	8 474	39.3%	50.2%	59.0%	7 649	71.0%	8 130
1968	63.4%	49.7%	88.6%	9 512	36.6%	50.3%	58.0%	8 313	73.2%	9 035
1969	54.7%	50.0%	79.4%	8 023	45.3%	50.0%	61.2%	8 621	70.3%	8 283
1970	49.3%	49.7%	79.7%	9 207	50.7%	50.3%	67.8%	10 992	73.7%	10 033
1971	49.1%	49.8%	83.8%	9 327	50.9%	50.2%	70.4%	11 395	77.1%	10 276
1972	47.5%	49.9%	80.9%	9 605	52.5%	50.1%	72.8%	11 767	76.8%	10 630
1973	47.9%	50.0%	75.8%	10 790	52.1%	50.0%	71.8%	12 384	73.8%	11 565
1974	52.1%	50.2%	79.3%	12 298	47.9%	49.8%	71.9%	12 576	75.6%	12 430
1975	45.7%	50.0%	69.1%	12 239	54.3%	50.0%	79.3%	12 690	74.2%	12 480
1976	53.0%	49.9%	78.2%	13 774	47.0%	50.1%	77.8%	12 258	78.0%	13 017
1977	55.3%	50.0%	86.1%	14 225	44.7%	50.0%	75.3%	13 162	80.7%	13 729
1978	43.6%	50.2%	67.0%	14 050	56.4%	49.8%	85.1%	14 383	76.0%	14 236
1979	44.1%	50.0%	66.0%	15 239	55.9%	50.0%	86.9%	14 698	76.5%	14 932
1980	30.2%	50.1%	37.8%	15 929	69.8%	49.9%	93.3%	14 947	65.5%	15 231
1981	37.2%	49.9%	51.2%	16 115	62.8%	50.1%	88.8%	15 601	70.0%	15 788
1982	26.0%	49.9%	33.4%	15 551	74.0%	50.1%	91.7%	16 009	62.6%	15 887
1983	34.6%	49.9%	49.5%	16 313	65.4%	50.1%	91.3%	16 656	70.4%	16 536
1984	39.2%	50.0%	59.6%	16 655	60.8%	50.0%	90.1%	17 042	74.8%	16 888
1985	39.7%	49.8%	60.1%	16 045	60.3%	50.2%	87.8%	16 529	74.0%	16 333
1986	39.0%	50.3%	58.3%	15 084	61.0%	49.7%	85.4%	16 336	71.8%	15 824
1987	42.1%	50.0%	65.3%	15 949	57.9%	50.0%	81.4%	17 638	73.3%	16 886
TOTAL	45.7%	50.0%	69.7%	9 844	54.3%	50.0%	75.0%	10 843	72.4%	10 362

CARGO BY TRANSIT AND VESSEL

HISTORICAL TABLE 19M

MONTREAL-LAKE ONTARIO SECTION

YEAR	TYPE OF TRANSIT						CLASS OF VESSEL						TYPE OF VESSEL					
	OVERSEAS			INLAND			COASTAL			OCEAN			LAKER			CARGO		
	TONNES		%	TONNES		%	TONNES		%	TONNES		%	TONNES		%	TONNES		%
	TONNES	%		TONNES	%		TONNES	%		TONNES	%		TONNES	%		TONNES	%	
1959	5 897 349	31.6	68.4	12 784 434	68.4	-	5 897 349	31.6	12 784 434	68.4	12 784 434	68.4	16 656 027	89.2	1 993 132	10.7	32 624	0.2
1960	7 205 507	39.1	60.9	11 219 728	60.9	-	7 205 507	39.1	11 219 728	60.9	11 219 728	60.9	15 923 215	86.4	2 435 425	13.2	66 595	0.4
1961	6 665 354	31.4	68.6	14 578 844	68.6	-	6 665 354	31.4	14 578 844	68.6	14 578 844	68.6	19 061 075	89.7	2 111 226	9.9	71 897	0.3
1962	8 179 203	35.2	64.8	15 038 920	64.8	-	8 179 203	35.2	15 038 920	64.8	15 038 920	64.8	21 301 110	91.7	1 883 774	8.1	33 238	0.1
1963	7 270 393	25.9	74.1	20 800 523	74.1	-	7 270 393	25.9	20 800 523	74.1	20 800 523	74.1	26 009 080	92.7	2 051 862	7.3	9 974	0.0
1964	9 396 156	26.3	73.7	26 264 393	73.7	-	9 396 156	26.3	26 264 393	73.7	26 264 393	73.7	33 124 065	92.9	2 515 655	7.1	20 830	0.1
1965	12 473 586	31.7	68.3	26 882 685	68.3	-	12 473 586	31.7	26 882 685	68.3	26 882 685	68.3	36 201 656	92.0	3 141 360	8.0	13 254	0.0
1966	13 051 333	29.2	70.8	31 626 930	70.8	-	13 051 333	29.2	31 626 930	70.8	31 626 930	70.8	41 559 749	93.0	3 101 186	6.9	17 329	0.0
1967	12 267 777	30.7	66.0	26 359 800	66.0	-	13 582 307	34.0	26 359 800	66.0	26 359 800	66.0	36 983 137	92.6	2 932 876	7.3	26 094	0.1
1968	13 831 259	31.8	65.7	28 602 810	65.7	1 314 530	14 900 189	34.3	28 602 810	65.7	28 602 810	65.7	40 526 651	93.2	2 953 762	6.8	22 586	0.1
1969	13 376 440	36.0	62.1	23 099 826	62.1	731 044	14 107 484	37.9	23 099 826	62.1	23 099 826	62.1	33 512 544	90.1	3 691 618	9.9	3 148	0.0
1970	12 985 069	28.0	70.8	32 862 719	70.8	573 646	13 558 715	29.2	32 862 719	70.8	32 862 719	70.8	42 296 844	91.1	4 096 929	8.8	27 661	0.1
1971	17 515 147	36.4	62.1	29 834 286	62.1	719 977	18 235 124	37.9	29 834 286	62.1	29 834 286	62.1	44 730 750	93.1	3 321 364	6.9	17 295	0.0
1972	18 625 070	38.3	60.4	29 397 071	60.4	654 289	19 279 359	39.6	29 397 071	60.4	29 397 071	60.4	44 428 474	91.3	3 816 785	7.8	431 169	0.9
1973	16 313 793	31.2	67.3	35 204 367	67.3	766 647	17 080 440	32.7	35 204 367	67.3	35 204 367	67.3	47 056 661	90.0	4 324 638	8.3	903 508	1.7
1974	10 679 072	26.7	71.6	28 668 970	71.6	700 937	11 380 009	28.4	28 668 970	71.6	28 668 970	71.6	36 185 581	90.4	3 196 497	8.0	666 901	1.7
1975	11 489 003	26.4	71.5	31 148 292	71.5	917 008	12 406 011	28.5	31 148 292	71.5	31 148 292	71.5	40 693 882	93.4	2 295 437	5.3	564 985	1.3
1976	13 324 916	27.0	71.4	35 225 785	71.4	797 737	14 122 653	28.6	35 225 785	71.4	35 225 785	71.4	46 859 786	95.0	1 742 068	3.5	746 586	1.5
1977	17 733 484	30.9	66.6	38 293 748	66.6	1 429 109	19 162 593	33.4	38 293 748	66.6	38 293 748	66.6	54 499 464	94.9	1 702 940	3.0	1 253 937	2.2
1978	21 152 474	37.1	59.5	33 866 108	59.5	1 924 098	23 076 572	40.5	33 866 108	59.5	33 866 108	59.5	53 700 654	94.3	2 488 012	4.4	754 014	1.3
1979	18 607 911	33.6	63.6	35 157 287	63.6	1 556 895	20 164 806	36.4	35 157 287	63.6	35 157 287	63.6	51 720 937	93.5	2 580 991	4.7	1 020 165	1.8
1980	13 681 019	27.7	70.2	34 736 797	70.2	1 036 293	14 717 312	29.8	34 736 797	70.2	34 736 797	70.2	46 515 056	94.1	2 426 899	4.9	512 154	1.0
1981	13 237 039	26.2	72.0	36 401 653	72.0	930 565	14 167 604	28.0	36 401 653	72.0	36 401 653	72.0	47 434 230	93.8	2 771 549	5.5	383 478	0.8
1982	12 826 010	30.0	68.1	29 141 734	68.1	847 570	13 673 580	31.9	29 141 734	68.1	29 141 734	68.1	40 423 087	94.4	2 333 854	5.5	58 373	0.1
1983	12 642 864	28.1	69.7	31 414 382	69.7	1 003 735	13 646 599	30.3	31 414 382	69.7	31 414 382	69.7	42 826 376	95.0	1 894 630	4.8	49 975	0.1
1984	15 040 063	31.7	66.0	31 356 816	66.0	1 108 577	16 148 640	34.0	31 356 816	66.0	31 356 816	66.0	45 549 288	95.9	2 185 266	4.0	60 902	0.1
1985	12 207 815	32.7	62.9	23 478 510	62.9	1 635 373	13 843 188	37.1	23 478 510	62.9	23 478 510	62.9	35 650 593	95.5	1 635 326	4.4	35 779	0.1
1986	13 158 964	35.0	60.8	22 854 004	60.8	1 568 840	14 727 804	39.2	22 854 004	60.8	22 854 004	60.8	35 553 827	94.6	1 999 046	5.3	28 935	0.1
1987	12 879 495	32.2	63.8	25 484 489	63.8	1 604 631	14 484 126	36.2	25 484 489	63.8	25 484 489	63.8	38 192 962	95.6	1 629 206	4.1	146 447	0.4
TOTAL	373 713 565	31.2	66.9	801 785 911	66.9	22 890 431	396 603 996	33.1	801 785 911	66.9	801 785 911	66.9	1 115 156 761	93.1	75 253 313	6.3	7 979 833	0.7

TRAFFIC BY VESSEL LENGTH

HISTORICAL TABLE 20M

MONTREAL-LAKE ONTARIO SECTION

YEAR	TRANSITS										CARGO TONNES						OVER 217m	TOTAL
	0- 62m	63- 93m	94- 124m	125- 155m	156- 186m	187- 217m	OVER 217m	TOTAL	0- 62m	63- 93m	94- 124m	125- 155m	156- 186m	187- 217m	OVER 217m	TOTAL		
1959	1 359	3 755	844	781	329	304	80	7 452	52 456	6 695 713	2 277 514	3 073 701	2 341 663	3 276 797	963 938	18 681 782		
1960	1 011	3 031	999	966	557	204	101	6 869	51 211	4 760 705	2 584 835	3 833 378	3 622 905	2 224 088	1 341 113	18 425 235		
1961	769	2 624	1 186	1 289	575	274	175	6 892	39 963	4 165 137	3 067 828	4 830 236	3 448 580	3 020 731	2 671 722	21 244 197		
1962	580	1 975	1 222	1 378	626	320	250	6 351	26 858	3 263 613	3 198 623	5 462 054	3 959 808	3 531 101	3 776 066	23 218 123		
1963	616	1 568	1 173	1 375	679	487	387	6 285	36 044	2 647 216	3 028 316	5 290 972	4 294 049	6 236 943	6 537 377	28 070 917		
1964	582	1 418	1 237	1 571	909	632	430	6 779	41 071	2 313 185	3 108 606	6 191 661	6 384 462	8 404 960	9 216 605	35 660 550		
1965	816	1 317	1 418	1 577	1 099	570	533	7 330	45 379	2 190 754	3 625 711	6 744 073	8 599 954	7 797 486	10 352 914	39 356 271		
1966	556	1 170	1 439	1 537	1 223	750	666	7 341	49 328	2 028 321	3 438 663	6 527 474	9 975 379	9 509 933	13 149 166	44 678 264		
1967	718	899	1 395	1 311	1 094	769	735	6 921	76 051	1 568 338	3 359 026	5 101 351	8 283 246	8 581 821	12 972 273	39 942 106		
1968	623	879	1 112	1 181	1 115	758	908	6 576	71 980	1 477 193	2 959 323	4 957 350	9 468 067	9 028 674	15 540 412	43 502 999		
1969	795	909	1 192	1 234	1 048	459	755	6 392	48 912	1 439 120	3 062 048	4 624 140	8 598 574	5 810 005	13 624 512	37 207 311		
1970	640	828	1 168	1 135	1 086	532	891	6 280	29 268	1 521 615	3 264 355	4 699 825	9 569 901	7 569 614	19 766 856	46 421 434		
1971	318	661	1 132	1 190	1 299	614	857	6 071	37 537	1 041 829	3 057 027	5 555 321	11 555 626	8 352 245	18 469 824	48 069 409		
1972	307	685	957	1 153	1 421	655	784	5 962	39 602	1 102 659	2 744 047	5 480 002	12 734 265	9 099 920	17 475 934	48 676 429		
1973	364	707	1 050	1 013	1 310	820	861	6 125	21 643	1 154 509	3 364 802	5 320 783	11 442 303	11 159 949	19 820 818	52 284 807		
1974	301	358	692	582	923	676	728	4 260	33 343	472 816	2 203 524	2 885 807	8 274 346	9 758 175	16 420 968	40 048 979		
1975	304	232	683	796	1 022	807	860	4 704	41 185	284 220	1 972 575	3 384 138	8 659 564	10 864 468	18 348 153	43 554 303		
1976	269	158	617	777	1 054	944	1 040	4 859	15 732	156 080	1 874 200	3 345 104	10 061 819	12 999 099	20 896 405	49 348 439		
1977	270	212	634	800	1 400	878	991	5 185	13 866	287 989	2 168 300	3 983 524	16 472 445	13 766 149	20 764 068	57 456 341		
1978	172	127	650	877	1 641	807	988	5 262	5 646	150 835	2 321 528	4 952 838	17 069 099	11 511 697	20 931 037	56 942 680		
1979	170	139	467	901	1 447	735	987	4 846	4 108	210 471	1 598 802	5 276 042	15 085 964	11 003 876	22 142 830	55 322 093		
1980	166	144	476	826	1 429	748	1 169	4 958	2 820	235 942	1 606 834	4 298 239	11 165 857	8 670 498	23 473 919	49 454 109		
1981	184	110	478	644	1 169	741	1 248	4 574	2 354	184 723	1 585 425	3 764 266	10 389 927	9 518 149	25 124 413	50 569 257		
1982	195	54	402	693	1 078	592	1 289	4 303	8 497	71 784	1 231 021	3 486 034	8 623 300	7 016 867	22 377 811	42 815 314		
1983	165	53	371	535	904	471	1 371	3 870	4 676	66 101	1 369 789	2 978 461	8 060 593	5 889 031	26 692 330	45 060 981		
1984	171	50	343	517	851	360	1 467	3 759	5 455	68 751	1 309 258	3 074 093	9 209 734	4 962 787	28 875 378	47 505 456		
1985	195	49	314	429	657	303	1 141	3 088	3 289	41 646	1 313 158	2 279 661	7 277 954	3 554 743	22 851 247	37 321 698		
1986	250	53	264	526	726	335	1 153	3 307	2 189	42 065	1 034 027	2 731 919	7 820 257	3 833 099	22 118 252	37 581 808		
1987	276	102	262	398	617	321	1 251	3 227	7 010	141 707	1 082 612	2 243 223	7 404 683	4 039 151	25 050 229	39 968 615		
TOTAL	13 142	24 267	24 177	27 992	29 288	16 866	24 096	159 828	817 473	39 785 037	68 811 777	126 375 670	259 854 324	220 992 056	481 753 570	1 198 389 907		

COMMODITY GROUPS

HISTORICAL TABLE 21M

MONTREAL-LAKE ONTARIO SECTION

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		PACKAGE FREIGHT		TOTAL	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	6 830 789	36.6	178 899	1.0	7 409 667	39.7	275 569	1.5	3 526 506	18.9	460 354	2.5	18 681 784	100.0
1960	7 457 469	40.5	203 898	1.1	5 875 359	31.9	257 990	1.4	4 127 165	22.4	503 354	2.7	18 425 235	100.0
1961	9 683 584	45.6	251 453	1.2	5 524 657	26.0	187 193	0.9	5 038 380	23.7	558 930	2.6	21 244 197	100.0
1962	10 281 833	44.3	278 837	1.2	7 429 858	32.0	228 968	1.0	4 434 191	19.1	564 435	2.4	23 218 122	100.0
1963	12 531 837	44.6	367 316	1.3	9 351 041	33.3	281 888	1.0	5 036 141	17.9	502 694	1.8	28 070 917	100.0
1964	15 368 230	43.1	489 837	1.4	12 857 268	36.1	305 268	0.9	6 072 986	17.0	566 961	1.6	35 560 550	100.0
1965	15 997 319	40.6	385 678	1.0	13 850 576	35.2	268 267	0.7	8 290 421	21.1	564 009	1.4	39 356 270	100.0
1966	18 144 613	40.6	352 685	0.8	16 691 053	37.4	359 441	0.8	8 603 537	19.3	526 935	1.2	44 678 264	100.0
1967	12 419 089	31.1	363 900	0.9	17 505 477	43.8	356 107	0.9	8 970 941	22.5	326 592	0.8	39 942 106	100.0
1968	12 279 678	28.2	330 234	0.8	19 150 316	44.0	383 129	0.9	10 902 319	25.1	457 323	1.1	43 502 999	100.0
1969	11 400 922	30.6	315 558	0.8	13 016 108	35.0	322 364	0.9	11 734 073	31.5	418 285	1.1	37 207 310	100.0
1970	17 961 480	38.7	333 023	0.7	15 955 716	34.4	255 851	0.6	11 535 241	24.8	380 123	0.8	46 421 434	100.0
1971	20 495 174	42.6	388 634	0.8	14 649 825	30.5	333 195	0.7	11 835 217	24.6	367 364	0.8	48 069 409	100.0
1972	21 390 755	43.9	302 643	0.6	13 965 088	28.7	281 676	0.6	12 559 825	25.8	176 443	0.4	48 676 430	100.0
1973	22 072 903	42.2	260 861	0.5	17 850 383	34.1	169 713	0.3	11 859 342	22.7	71 605	0.1	52 284 807	100.0
1974	14 672 142	36.6	230 774	0.6	17 327 687	43.3	93 671	0.2	7 699 376	19.2	25 329	0.1	40 048 979	100.0
1975	19 440 779	44.6	140 009	0.3	16 530 527	38.0	109 771	0.3	7 308 691	16.8	24 526	0.1	43 554 303	100.0
1976	18 755 125	38.0	240 764	0.5	22 504 977	45.6	75 029	0.2	7 733 394	15.7	39 150	0.1	49 348 439	100.0
1977	21 815 530	38.0	228 391	0.4	25 033 807	43.6	99 071	0.2	10 246 887	17.8	32 655	0.1	57 456 341	100.0
1978	27 885 262	49.0	182 675	0.3	19 084 040	33.5	118 074	0.2	9 631 369	16.9	41 280	0.1	56 942 680	100.0
1979	24 919 208	45.0	156 980	0.3	20 404 400	36.9	82 178	0.1	9 736 697	17.6	22 630	0.0	55 322 093	100.0
1980	26 920 476	54.4	182 346	0.4	14 891 195	30.1	56 087	0.1	7 386 038	14.9	17 967	0.0	49 454 109	100.0
1981	24 673 525	48.8	185 196	0.4	17 857 148	35.3	44 299	0.1	7 801 251	15.4	7 838	0.0	50 569 257	100.0
1982	24 515 880	57.3	134 682	0.3	10 762 770	25.1	24 026	0.1	7 377 956	17.2	-	0.0	42 815 314	100.0
1983	24 449 080	54.3	95 902	0.2	13 081 176	29.0	24 164	0.1	7 410 659	16.4	-	0.0	45 060 981	100.0
1984	23 649 862	49.8	85 109	0.2	14 802 071	31.2	70 517	0.1	8 897 897	18.7	-	0.0	47 505 456	100.0
1985	16 486 803	44.2	90 157	0.2	12 491 239	33.5	33 555	0.1	8 219 944	22.0	-	0.0	37 321 698	100.0
1986	16 490 065	43.9	67 872	0.2	12 253 937	32.6	7 375	0.0	8 762 559	23.3	-	0.0	37 581 808	100.0
1987	18 454 108	46.2	54 982	0.1	13 219 140	33.1	10 987	0.0	8 229 398	20.6	-	0.0	39 968 615	100.0
TOTAL	517 443 500	43.2	6 879 295	0.6	421 326 506	35.2	5 115 423	0.4	240 968 401	20.1	6 656 782	0.5	1 198 389 907	100.0

SELECTED U.S. GRAINS

HISTORICAL TABLE 22M

YEAR	WHEAT		CORN		RYE		OATS		BARLEY		SOYBEANS		FLAXSEED		SUNFLOWER SEEDS		TOTAL GRAINS	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	444 329	2.4	799 945	4.3	22 558	0.1	403 569	2.2	533 572	2.9	143 386	0.8	162 137	0.9	-	0.0	2 509 496	13.4
1960	631 892	3.4	952 811	5.2	77 113	0.4	290 575	1.6	517 372	2.8	441 119	2.4	80 547	0.4	-	0.0	2 991 429	16.2
1961	1 163 344	5.5	1 421 950	6.7	54 249	0.3	76 976	0.4	256 290	1.2	400 369	1.9	72 363	0.3	-	0.0	3 445 541	16.2
1962	817 875	3.5	1 944 008	8.4	244 657	1.1	389 572	1.7	647 457	2.8	632 720	2.7	98 370	0.4	-	0.0	4 774 659	20.6
1963	1 249 345	4.5	2 392 559	8.5	211 086	0.8	86 811	0.3	532 377	1.9	574 083	2.0	85 171	0.3	-	0.0	5 131 432	18.3
1964	809 221	2.3	2 905 038	8.1	71 024	0.2	54 866	0.2	687 665	1.9	868 192	2.4	144 532	0.4	-	0.0	5 540 538	15.5
1965	1 109 330	2.8	3 294 033	8.4	34 533	0.1	314 753	0.8	515 254	1.2	1 045 231	2.3	143 134	0.3	-	0.0	6 619 347	16.8
1966	1 520 708	3.4	3 039 049	6.8	93 405	0.2	369 598	0.8	317 575	0.8	759 552	1.9	146 391	0.4	-	0.0	6 726 379	15.1
1967	1 119 773	2.8	1 881 877	4.7	45 839	0.1	100 435	0.3	122 847	0.3	1 127 774	2.6	199 074	0.5	-	0.0	4 371 442	10.9
1968	1 533 785	3.5	2 868 570	6.6	39 251	0.1	37 112	0.1	69 880	0.2	1 378 579	3.7	181 402	0.5	-	0.0	5 928 413	13.6
1969	1 229 554	3.3	3 075 734	8.3	24 275	0.1	2 185	0.0	999 305	2.2	2 205 342	4.8	58 710	0.1	-	0.0	5 961 609	16.0
1970	1 535 257	3.3	2 575 550	5.5	864	0.0	203 140	0.4	421 332	0.9	2 594 839	5.4	26 088	0.1	-	0.0	7 578 168	16.3
1971	1 427 649	3.0	3 012 593	6.3	124 290	0.3	36 782	0.1	854 825	1.8	1 427 652	2.9	259 647	0.5	-	0.0	7 643 573	15.9
1972	2 182 496	4.5	3 271 754	6.7	3 907	0.0	93 396	0.2	1 162 678	2.2	1 471 727	2.8	5 498	0.0	-	0.0	8 093 677	16.6
1973	3 487 434	6.7	3 544 948	6.8	586 196	1.1	629 029	1.2	323 909	0.8	911 774	2.3	100	0.0	-	0.0	10 887 510	20.8
1974	1 622 560	4.1	2 503 352	6.3	210 099	0.5	309 893	0.8	158 327	0.4	1 156 977	2.7	16 803	0.0	-	0.0	5 881 687	14.7
1975	3 576 444	8.2	2 707 189	6.2	3 627	0.0	131 648	0.3	610 958	1.2	1 082 785	2.2	5 742	0.0	-	0.0	7 751 015	17.8
1976	1 588 121	3.2	3 808 618	7.7	3 289	0.0	126 465	0.3	920 852	1.6	1 349 160	2.3	25 456	0.0	-	0.0	7 225 978	14.6
1977	2 938 824	5.1	3 479 895	6.1	-	0.0	125 110	0.2	270 413	0.5	2 152 349	3.8	11 965	0.0	-	0.0	8 839 297	15.4
1978	5 531 295	9.7	5 826 521	10.2	-	0.0	126 331	0.2	288 469	0.5	1 430 693	2.6	-	0.0	-	0.0	13 918 874	24.4
1979	4 061 266	7.3	6 869 035	12.4	60 066	0.1	3 698	0.0	680 577	1.4	1 240 782	2.5	2 215	0.0	1 205 564	2.4	12 713 227	23.0
1980	3 556 167	7.2	5 444 933	11.0	137 520	0.3	36 590	0.1	837 264	1.7	1 533 435	3.0	13 227	0.0	1 301 072	2.6	12 304 348	24.9
1981	3 480 645	6.9	3 656 771	7.2	47 253	0.1	27 711	0.1	354 808	0.8	982 526	2.3	14 291	0.0	1 140 147	2.7	10 897 378	21.5
1982	2 856 250	6.7	2 939 988	6.9	9 670	0.0	7 057	0.0	831 164	1.8	270 977	0.6	1 025	0.0	643 709	1.4	8 304 737	19.4
1983	2 824 695	6.3	2 083 258	4.6	23 370	0.1	950	0.0	316 164	1.3	826 106	1.7	5 180	0.0	755 960	1.6	6 679 148	14.8
1984	3 124 417	6.6	2 257 653	4.8	8 401	0.0	3 052	0.0	608 831	1.3	660 270	1.8	-	0.0	378 552	1.0	7 589 600	16.0
1985	1 958 906	5.2	1 938 864	5.2	-	0.0	-	0.0	132 080	0.4	1 041 258	2.8	31 504	0.1	193 957	0.5	5 068 672	13.6
1986	2 324 945	6.2	692 382	1.8	5 500	0.0	-	0.0	332 051	0.9	1 018 785	2.5	-	0.0	-	0.0	4 621 597	12.3
1987	1 703 876	4.3	1 718 123	4.3	5 207	0.0	14 251	0.0	464 631	1.2	1 018 785	2.5	-	0.0	131 637	0.3	5 056 510	12.7
TOTAL	61 410 403	5.1	82 907 001	6.9	2 147 249	0.2	4 001 555	0.3	15 110 158	1.3	31 864 602	2.7	1 863 715	0.2	5 750 598	0.5	205 055 281	17.1

SELECTED CANADIAN GRAINS

HISTORICAL TABLE 23M

MONTREAL-LAKE ONTARIO SECTION

YEAR	WHEAT		CORN		RYE		OATS		BARLEY		SOYBEANS		FLAXSEED		SUNFLOWER SEEDS		TOTAL GRAINS	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	2 706 061	14.5	61 387	0.3	2 231	0.0	260 258	1.4	504 670	2.7	55 682	0.3	143 479	0.8	-	0.0	3 733 768	20.0
1960	2 864 328	15.5	46 774	0.3	7 605	0.0	161 616	0.9	550 885	3.0	73 213	0.4	202 972	1.1	-	0.0	3 907 393	21.2
1961	4 752 469	22.4	30 988	0.1	81 035	0.4	169 168	0.8	372 142	1.8	85 109	0.4	175 164	0.8	-	0.0	5 666 075	26.7
1962	3 630 764	15.6	40 643	0.2	116 097	0.5	232 304	1.0	349 992	1.5	62 526	0.3	191 384	0.8	-	0.0	4 623 710	19.9
1963	5 357 965	19.1	13 151	0.0	73 037	0.3	393 503	1.4	475 961	1.7	30 580	0.1	175 767	0.6	-	0.0	6 519 964	23.2
1964	7 527 695	21.1	12 662	0.0	68 230	0.2	295 867	0.8	417 937	1.2	28 605	0.1	223 083	0.6	-	0.0	8 574 079	24.0
1965	6 734 939	17.1	30 676	0.1	38 798	0.1	459 945	1.2	542 217	1.4	82 192	0.2	248 982	0.6	-	0.0	8 137 749	20.7
1966	8 631 879	19.3	34 921	0.1	113 629	0.3	299 747	0.7	633 794	1.4	70 528	0.2	317 839	0.7	-	0.0	10 102 337	22.6
1967	5 071 203	12.7	-	0.0	79 766	0.2	286 817	0.7	949 307	2.4	57 843	0.1	217 763	0.5	-	0.0	6 662 699	16.7
1968	4 427 054	10.2	8 809	0.0	52 569	0.1	196 329	0.5	418 365	1.0	66 625	0.2	114 196	0.3	-	0.0	5 283 947	12.1
1969	3 212 180	8.6	25 736	0.1	39 852	0.1	191 709	0.5	633 278	1.7	106 483	0.3	195 762	0.5	-	0.0	4 405 000	11.8
1970	5 886 419	12.7	40 463	0.1	47 040	0.1	293 471	0.6	2 611 839	5.6	47 445	0.1	275 483	0.6	-	0.0	9 202 160	19.8
1971	7 110 082	14.8	58 866	0.1	107 907	0.2	287 888	0.6	3 016 482	6.3	40 881	0.1	392 759	0.8	-	0.0	11 014 865	22.9
1972	7 507 597	15.4	32 778	0.1	93 112	0.2	260 542	0.5	3 172 149	6.5	37 096	0.1	312 577	0.6	-	0.0	11 415 851	23.5
1973	6 870 074	13.1	13 748	0.0	68 194	0.1	172 857	0.3	2 045 250	3.9	30 858	0.1	263 192	0.5	-	0.0	9 464 173	18.1
1974	6 181 090	15.4	71 726	0.2	78 830	0.2	85 014	0.2	1 178 540	2.9	6 821	0.0	189 306	0.5	-	0.0	7 791 327	19.5
1975	7 685 785	17.6	200 779	0.5	216 898	0.5	295 394	0.7	2 073 546	4.8	420	0.0	102 281	0.2	-	0.0	10 575 103	24.3
1976	6 928 464	14.0	294 477	0.6	121 036	0.2	497 836	1.0	2 347 252	4.8	16 084	0.0	109 833	0.2	-	0.0	10 314 982	20.9
1977	8 549 267	14.9	360 999	0.6	70 291	0.1	402 701	0.7	1 936 346	3.4	29 379	0.1	198 844	0.3	-	0.0	11 547 827	20.1
1978	8 519 386	15.0	627 718	1.1	82 298	0.1	144 629	0.3	2 262 597	4.0	49 374	0.1	232 556	0.4	-	0.0	11 918 558	20.9
1979	5 953 921	10.8	218 998	0.4	140 335	0.3	139 070	0.3	2 910 471	5.3	25 379	0.0	319 686	0.6	-	0.0	9 707 860	17.5
1980	10 187 369	20.6	1 073 549	2.2	363 647	0.7	264 121	0.5	1 394 588	2.8	54 259	0.1	250 637	0.5	79 005	0.2	13 667 175	27.6
1981	8 441 450	16.7	1 418 355	2.8	350 664	0.7	130 855	0.3	2 111 926	4.2	8 613	0.0	266 766	0.5	58 022	0.1	12 786 651	25.3
1982	11 024 842	25.7	812 687	1.9	259 610	0.6	142 992	0.3	2 849 224	6.7	65 253	0.2	249 093	0.6	2 531	0.0	15 406 232	36.0
1983	12 784 633	28.4	684 709	1.5	109 287	0.2	77 410	0.2	2 875 079	6.4	29 813	0.1	359 750	0.8	-	0.0	16 920 681	37.6
1984	12 813 292	27.0	576 774	1.1	7 257	0.0	55 578	0.1	1 788 891	3.8	72 408	0.1	227 519	0.5	7 056	0.0	15 488 775	32.6
1985	9 543 110	25.6	570 008	1.5	4 350	0.0	31 793	0.1	554 518	1.5	76 320	0.2	339 500	0.9	-	0.0	11 119 599	29.8
1986	8 845 790	23.5	358 788	1.0	32 164	0.1	68 198	0.2	1 579 297	4.2	148 087	0.4	370 568	1.0	-	0.0	11 402 892	30.3
1987	10 855 319	27.2	398 976	1.0	28 893	0.1	93 000	0.2	957 375	2.4	85 602	0.2	374 843	0.9	-	0.0	12 794 008	32.0
TOTAL	210 604 427	17.6	8 060 145	0.7	2 854 662	0.2	6 390 612	0.5	43 513 918	3.6	1 543 478	0.1	7 041 584	0.6	146 614	0.0	280 155 440	23.4

SELECTED MINING COMMODITIES

HISTORICAL TABLE 24M

MONTREAL-LAKE ONTARIO SECTION

YEAR	COAL		COKE		IRON ORE		CLAY & BENTONITE		GRAVEL & SAND		STONE		SALT		SULPHUR		OTHER MINE	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	1 070 971	5.7	23 620	0.1	5 620 221	30.1	43 510	0.2	1 027	0.0	10 632	0.1	94 393	0.5	81 687	0.4	463 605	2.5
1960	925 752	5.0	82 254	0.4	3 914 894	21.2	55 432	0.3	3 662	0.0	16 934	0.1	110 961	0.6	65 992	0.4	699 477	3.8
1961	1 048 277	4.9	153 063	0.7	3 644 391	17.2	75 900	0.4	1 911	0.0	10 375	0.0	126 196	0.6	82 215	0.4	382 329	1.8
1962	1 075 566	4.6	192 371	0.8	5 456 524	23.5	84 567	0.4	523	0.0	10 232	0.0	166 030	0.7	59 426	0.3	384 619	1.7
1963	883 072	3.1	206 730	0.7	7 401 968	26.4	116 735	0.4	-	0.0	3 476	0.0	195 105	0.7	67 572	0.2	476 385	1.7
1964	727 434	2.0	214 293	0.6	11 029 051	30.9	119 904	0.3	-	0.0	7 647	0.0	219 304	0.6	71 028	0.2	468 610	1.3
1965	946 228	2.4	166 958	0.4	11 588 329	29.4	167 500	0.4	11 846	0.0	3 492	0.0	320 126	0.8	-	0.0	646 097	1.6
1966	1 111 618	2.5	199 553	0.4	14 067 088	31.5	136 958	0.3	2 946	0.0	14 687	0.0	398 095	0.9	45	0.0	760 062	1.7
1967	1 030 029	2.6	215 092	0.5	14 879 992	37.3	166 914	0.4	-	0.0	17 604	0.0	441 992	1.1	21 882	0.1	731 972	1.8
1968	1 089 476	2.5	248 538	0.6	16 268 430	37.4	213 979	0.5	-	0.0	36 878	0.1	523 097	1.2	-	0.0	769 918	1.8
1969	587 671	1.6	325 264	0.9	10 568 053	28.4	215 517	0.6	12 558	0.0	24 655	0.1	351 215	0.9	-	0.0	931 176	2.5
1970	288 268	0.6	458 852	1.0	13 715 305	29.5	261 194	0.6	47	0.0	6 938	0.0	420 859	0.9	-	0.0	804 252	1.7
1971	299 510	0.6	473 499	1.0	12 181 176	25.3	272 835	0.6	16 193	0.0	25 017	0.1	462 775	1.0	-	0.0	918 820	1.9
1972	244 181	0.5	539 852	1.1	11 370 116	23.4	133 400	0.3	69	0.0	9 766	0.0	806 409	1.7	-	0.0	861 295	1.8
1973	251 895	0.5	739 416	1.4	14 235 151	27.2	175 136	0.3	-	0.0	27 899	0.1	819 829	1.6	-	0.0	1 601 056	3.1
1974	175 192	0.4	1 190 536	3.0	12 964 996	32.4	247 616	0.6	390	0.0	45 729	0.1	811 864	2.0	76 722	0.2	1 814 642	4.5
1975	398 575	0.9	832 835	1.9	13 159 321	30.2	157 803	0.4	12 689	0.0	70 047	0.2	779 557	1.8	31 576	0.1	1 088 123	2.5
1976	346 001	0.7	1 620 382	3.3	18 629 321	37.8	234 602	0.5	27 779	0.1	54 954	0.1	752 355	1.5	43 742	0.1	795 841	1.6
1977	215 969	0.4	2 026 004	3.5	20 205 283	35.2	313 204	0.5	28 839	0.1	98 396	0.2	783 679	1.4	14 309	0.0	1 348 125	2.3
1978	940 399	1.7	2 486 639	4.4	13 542 178	23.8	172 998	0.3	15 167	0.0	107 512	0.2	746 982	1.3	7 214	0.0	1 064 951	1.9
1979	501 910	0.9	2 318 491	4.2	14 817 154	26.8	261 667	0.5	30 694	0.1	373 875	0.7	833 813	1.5	152 891	0.3	1 113 905	2.0
1980	225 660	0.5	1 401 282	2.8	11 005 222	22.3	276 158	0.6	37 479	0.1	180 462	0.4	782 430	1.6	157 181	0.3	825 321	1.7
1981	1 674 618	3.3	853 180	1.7	12 926 853	25.6	198 725	0.4	40 401	0.1	25 528	0.1	1 134 948	2.2	28 236	0.1	974 659	1.9
1982	1 153 657	2.7	680 806	1.6	7 430 414	17.4	142 492	0.3	36	0.0	36 228	0.1	714 901	1.7	3 013	0.0	601 223	1.4
1983	350 170	0.8	638 042	1.4	10 280 210	22.8	76 849	0.2	7 975	0.0	47 754	0.1	878 535	1.9	-	0.0	801 641	1.8
1984	452 898	1.0	793 112	1.7	11 421 521	24.0	157 206	0.3	6 992	0.0	117 233	0.2	818 931	1.7	-	0.0	1 034 178	2.2
1985	607 108	1.6	802 266	2.1	8 679 210	23.3	162 410	0.4	1	0.0	258 745	0.7	657 494	1.8	-	0.0	1 324 005	3.5
1986	609 619	1.6	867 412	2.3	8 026 080	21.4	161 366	0.4	16 009	0.0	272 148	0.7	874 520	2.3	-	0.0	1 426 783	3.8
1987	233 756	0.6	654 432	1.7	9 557 376	23.9	164 766	0.4	-	0.0	231 658	0.6	928 559	2.3	-	0.0	1 448 593	3.6
TOTAL	19 465 480	1.6	21 404 774	1.8	328 585 828	27.4	4 967 343	0.4	275 233	0.0	2 146 501	0.2	16 954 954	1.4	964 731	0.1	26 561 663	2.2

SELECTED PROCESSED COMMODITIES

HISTORICAL TABLE 25M

MONTREAL-LAKE ONTARIO SECTION

YEAR	GASOLINE		FUEL OIL		CHEMICALS		SODIUM PRODUCTS		PIG IRON		MANUFACTURED IRON & STEEL		CEMENT		SCRAP IRON & STEEL		OTHER PROCESSED	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	37 064	0.2	1 030 688	5.5	65 571	0.4	15 205	0.1	92 332	0.5	417 417	2.2	15 439	0.1	61 096	0.3	1 791 693	9.6
1960	33 697	0.2	1 068 389	5.8	62 623	0.3	14 214	0.1	40 685	0.2	738 355	4.0	16 299	0.1	510 981	2.8	1 641 920	8.9
1961	80 116	0.4	1 001 216	4.7	66 773	0.3	6 823	0.0	220 464	1.0	531 991	2.5	5 677	0.0	1 209 928	5.7	1 915 392	9.0
1962	63 915	0.3	1 124 869	4.8	91 185	0.4	19 381	0.1	144 569	0.6	756 994	3.3	6 115	0.0	217 817	0.9	2 009 344	8.7
1963	31 013	0.1	1 165 184	4.2	122 934	0.4	21 326	0.1	121 021	0.4	874 295	3.1	3 127	0.0	295 165	1.1	2 402 074	8.6
1964	105 520	0.3	1 367 898	3.8	183 063	0.5	43 224	0.1	234 233	0.7	1 233 107	3.5	16 023	0.0	405 464	1.1	2 484 454	7.0
1965	154 783	0.4	1 721 316	4.4	165 569	0.4	17 778	0.0	291 701	0.7	2 995 840	7.6	9 579	0.0	87 824	0.2	2 846 032	7.2
1966	162 804	0.4	1 891 905	4.2	233 549	0.5	35 817	0.1	323 553	0.7	2 781 194	6.2	20 538	0.0	145 046	0.3	3 009 131	6.7
1967	320 980	0.8	1 901 558	4.8	286 066	0.7	21 783	0.1	226 867	0.6	3 179 539	8.0	797	0.0	406 825	1.0	2 626 527	6.6
1968	331 870	0.8	1 932 069	4.4	217 259	0.5	13 043	0.0	235 248	0.5	4 977 778	11.4	46 730	0.1	395 848	0.9	2 752 475	6.3
1969	499 812	1.3	2 396 263	6.4	299 866	0.8	45 813	0.1	225 831	0.6	4 068 588	10.9	7 211	0.0	1 228 198	3.3	2 962 490	8.0
1970	520 833	1.1	2 919 702	6.3	262 467	0.6	51 498	0.1	280 685	0.6	4 031 795	8.7	35 710	0.1	894 943	1.9	2 537 609	5.5
1971	215 494	0.4	2 299 114	4.8	371 244	0.8	77 704	0.2	115 250	0.2	5 636 261	11.7	35 559	0.1	237 743	0.5	2 846 851	5.9
1972	308 382	0.6	2 929 356	6.0	382 252	0.8	99 911	0.2	165 028	0.3	5 210 502	10.7	15 862	0.0	378 967	0.8	3 069 564	6.3
1973	212 833	0.4	3 432 738	6.6	363 109	0.7	93 199	0.2	137 550	0.3	3 958 329	7.6	48 758	0.1	848 288	1.6	2 764 538	5.3
1974	114 182	0.3	1 813 742	4.5	287 296	0.7	65 892	0.2	122 672	0.3	3 270 724	8.2	32 911	0.1	124 057	0.3	1 867 901	4.7
1975	202 224	0.5	1 770 019	4.1	283 034	0.6	76 426	0.2	123 640	0.3	2 236 289	5.1	13 951	0.0	599 270	1.4	2 003 837	4.6
1976	175 848	0.4	1 360 776	2.8	361 359	0.7	34 200	0.1	124 920	0.3	3 026 246	6.1	36	0.0	429 760	0.9	2 220 249	4.5
1977	52 772	0.1	2 015 026	3.5	471 762	0.8	52 544	0.1	160 155	0.3	4 972 898	8.7	3 051	0.0	348 673	0.6	2 170 005	3.8
1978	108 984	0.2	1 887 976	3.3	573 432	1.0	177 670	0.3	242 424	0.4	3 588 819	6.3	23 008	0.0	639 829	1.1	2 389 227	4.2
1979	188 808	0.3	2 326 932	4.2	594 291	1.1	167 632	0.3	132 610	0.2	3 107 744	5.6	22 947	0.0	577 828	1.0	2 617 905	4.7
1980	223 186	0.5	1 563 431	3.2	552 747	1.1	201 246	0.4	202 552	0.4	2 905 186	5.7	93	0.0	760 238	1.5	1 797 601	3.6
1981	123 843	0.2	1 838 507	3.6	610 999	1.2	174 412	0.3	152 712	0.4	2 790 012	6.5	2 769	0.0	87 363	0.2	1 855 620	3.7
1982	158 771	0.4	1 002 035	2.3	722 466	1.7	161 978	0.4	161 017	0.4	2 896 137	6.4	3 449	0.0	457 226	1.1	1 929 307	4.5
1983	249 993	0.6	936 121	2.1	634 880	1.4	213 622	0.5	243 817	0.5	4 453 231	9.4	2 522	0.0	390 006	0.9	1 926 361	4.3
1984	237 388	0.5	745 378	1.6	748 700	1.6	99 951	0.2	103 610	0.3	3 603 221	9.7	10	0.0	303 619	0.6	2 065 803	4.3
1985	111 419	0.3	558 770	1.5	751 092	2.0	126 246	0.3	96 925	0.3	3 548 802	9.4	175 111	0.5	635 622	1.7	2 154 853	5.8
1986	206 107	0.5	641 156	1.7	869 268	2.3	171 615	0.5	124 355	0.3	3 614 403	9.0	152 616	0.4	740 276	2.0	2 335 794	6.2
1987	167 472	0.4	481 049	1.2	812 778	2.0	135 308	0.3					242 758	0.6	344 352	0.9	2 306 923	5.8
TOTAL	5 400 113	0.5	47 123 183	3.9	11 447 634	1.0	2 435 461	0.2	5 049 209	0.4	87 490 410	7.3	958 656	0.1	13 762 252	1.1	67 301 480	5.6

CARGO TONNES BY ORIGIN-DESTINATION

HISTORICAL TABLE 26H

MONTREAL-LAKE ONTARIO SECTION

FROM:	UP BOUND				DOWN BOUND				TOTAL				
	CANADA		U.S.A.		OVERSEAS		CANADA			U.S.A.			
	CANADA	U.S.A.	CANADA	U.S.A.	CANADA	U.S.A.	OVERSEAS	U.S.A.		OVERSEAS	U.S.A.		
TO:													
1959	2 872 585	5 257 355	53 901	17 795	769 493	962 375	3 811 384	8 551	760 025	1 600 738	22 326	2 545 255	18 681 783
1960	1 890 965	4 145 845	44 431	2 010	1 065 103	818 198	3 991 026	6 056	1 258 370	1 608 494	40 977	3 553 761	18 425 236
1961	2 167 761	3 701 696	18 928	31 954	650 623	899 242	6 035 304	-	1 129 295	2 482 648	65 417	4 061 329	21 244 197
1962	2 100 579	5 806 311	53 132	30 933	822 758	1 055 999	4 945 703	6 252	1 058 181	2 713 238	86 073	4 538 963	23 218 122
1963	2 173 863	7 765 232	14 543	52 900	901 667	1 375 115	6 633 428	3 787	1 209 994	4 210 462	62 830	3 667 095	28 070 916
1964	2 103 964	11 695 053	20 772	49 296	1 077 290	1 860 353	8 924 108	9 712	1 209 994	3 545 733	68 511	5 088 459	35 660 550
1965	3 280 599	11 512 159	18 376	51 495	1 704 431	3 495 820	8 333 233	6 498	1 390 141	3 858 198	64 997	5 640 323	39 356 272
1966	4 886 026	13 098 928	22 413	62 132	1 593 947	3 718 092	10 531 886	3 354	1 244 617	3 163 431	49 598	6 303 841	44 678 265
1967	5 355 101	13 262 801	47 428	63 217	1 615 368	3 917 062	6 681 948	13 727	1 637 556	2 195 651	55 820	5 096 428	39 942 107
1968	5 836 125	14 412 576	20 864	70 052	1 408 890	5 818 068	5 822 799	6 553	1 083 434	3 452 401	56 757	5 514 480	43 502 999
1969	4 487 605	9 728 133	100 185	66 956	1 640 760	4 338 443	5 104 136	3 335	1 088 087	4 319 411	40 524	6 289 736	37 307 311
1970	5 482 804	11 837 049	72 533	46 433	1 327 218	4 131 746	9 900 659	9 854	1 532 617	6 022 787	64 436	5 993 298	46 421 434
1971	5 298 786	10 499 612	189 535	51 058	1 283 599	6 293 132	11 186 081	6 528	1 854 774	3 315 158	34 695	8 056 451	48 069 409
1972	4 712 628	10 595 652	139 145	66 106	1 923 223	5 682 245	11 602 385	7 352	2 180 772	2 949 490	32 612	8 784 819	48 676 429
1973	5 033 913	13 911 161	114 005	81 824	1 376 013	4 548 850	10 838 168	31 724	1 381 554	6 001 158	37 932	8 928 505	52 284 807
1974	4 283 693	11 644 802	73 294	95 384	824 263	3 948 976	9 089 431	51 250	1 457 179	4 261 952	4 727	4 314 028	40 048 979
1975	3 848 218	11 983 490	106 487	91 825	919 293	2 950 574	11 256 809	140 776	1 476 270	4 665 804	-	6 114 757	43 554 303
1976	3 699 634	17 036 438	80 545	90 425	997 698	4 238 374	10 903 073	53 764	1 788 140	4 174 199	11 523	6 274 626	49 348 439
1977	5 234 726	18 293 915	98 054	49 212	1 222 491	6 865 879	11 871 506	22 804	1 849 332	4 181 077	21 872	7 745 472	57 456 340
1978	4 317 126	12 587 394	253 149	77 899	1 295 778	6 322 693	12 542 555	55 705	2 139 969	5 921 936	94 270	11 334 206	56 942 680
1979	4 958 367	12 662 015	228 721	64 950	1 234 333	5 234 579	11 564 604	68 858	2 229 585	7 132 625	54 224	9 889 232	55 322 093
1980	4 544 613	7 623 360	93 414	50 178	845 800	1 768 250	14 479 550	111 743	3 935 984	8 712 657	134 505	7 154 055	49 454 109
1981	3 281 287	10 986 746	106 177	7 529	1 504 324	2 936 138	13 909 712	80 976	2 937 183	8 907 569	48 895	5 862 721	50 569 257
1982	2 649 751	5 232 453	93 208	519	919 504	2 254 463	16 203 160	185 270	3 732 135	5 630 625	-	5 914 226	42 815 314
1983	4 150 010	6 956 744	126 908	-	1 068 583	3 276 772	17 917 733	172 588	2 386 479	3 081 321	39 125	5 884 718	45 060 981
1984	5 268 388	6 974 055	130 955	-	1 499 551	4 763 734	16 216 426	437 642	2 162 544	3 536 465	-	6 515 696	47 505 456
1985	4 615 358	4 868 864	239 351	-	1 405 944	3 695 792	11 381 053	670 559	1 793 392	3 374 584	3 469	5 273 332	37 321 698
1986	4 963 950	4 047 190	263 938	2 287	1 699 793	3 669 027	12 050 180	388 870	2 042 659	2 742 024	4 588	5 707 302	37 581 808
1987	5 794 312	5 091 993	326 926	-	2 158 851	3 438 382	13 328 958	337 342	2 102 454	2 217 187	-	5 172 210	39 968 615
TOTAL	119 292 737	283 219 022	3 151 318	1 274 369	36 756 589	104 278 373	297 056 998	2 901 430	52 060 021	119 979 023	1 200 703	1 177 219 324	1 198 389 907

PART IV

St. Lawrence Seaway Toll Traffic

for the

Welland Canal Section

TRAFFIC BY TYPE OF VESSEL

1987

Table 1W

WELLAND CANAL SECTION													
TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES							REVENUE	
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:													
Cargo	673	930	1 603	24 492 794	7 927 838	20 345	-	19 778	2 865 389	10 833 350	25.4	10 145 671.92	34.2
Tug and Barge	19	12	31	99 414	57 825	2 499	-	-	-	60 324	0.1	96 345.58	0.3
Tanker	67	115	182	1 201 539	536 369	-	-	-	-	536 369	1.3	675 886.74	2.3
Non-Cargo	-	156	156	72 815	-	-	-	-	-	-	0.0	17 026.54	0.1
Total Up	759	1 213	1 972	25 866 562	8 522 032	22 844	-	19 778	2 865 389	11 430 043	26.8	10 934 930.78	36.8
DOWNBOUND:													
Cargo	1 500	90	1 590	24 310 969	10 867 992	19 049 502	210 398	4 530	123 446	30 255 868	70.8	17 753 432.10	59.8
Tug and Barge	13	20	33	104 575	54 428	-	-	-	987	55 415	0.1	92 365.44	0.3
Tanker	135	46	181	1 195 694	983 429	-	-	-	-	983 429	2.3	870 738.99	2.9
Non-Cargo	-	138	138	215 960	-	-	-	-	-	-	0.0	24 745.68	0.1
Total Down	1 648	294	1 942	25 827 198	11 905 849	19 049 502	210 398	4 530	124 433	31 294 712	73.2	18 741 282.21	63.2
TOTALS:													
Cargo	2 173	1 020	3 193	48 803 763	18 795 830	19 069 847	210 398	24 308	2 988 835	41 089 218	96.2	27 899 104.02	94.0
Tug and Barge	32	32	64	203 989	112 253	2 499	-	-	987	115 739	0.3	188 711.02	0.6
Tanker	202	161	363	2 397 233	1 519 798	-	-	-	-	1 519 798	3.6	1 546 625.73	5.2
Non-Cargo	-	294	294	288 775	-	-	-	-	-	-	0.0	41 772.22	0.1
GRAND TOTAL	2 407	1 507	3 914	51 693 760	20 427 881	19 072 346	210 398	24 308	2 989 822	42 724 755	100.0	29 676 212.99	100.0

Table 2W

ORIGIN OF CARGO AND TYPE OF VESSEL		VESSEL TRANSITS		GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE					
		Loaded	Ball		Total	Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%		
UPBOUND:																
CANADA:																
Cargo	342	799	1 141	17 846 357	7 131 011	20 345	-	-	5 363	7 156 719	16.8	6 360 467.03	21.4			
Tug and Barge	18	10	28	92 098	57 344	2 499	-	-	-	59 843	0.1	89 299.55	0.3			
Tanker	42	89	131	786 437	318 122	-	-	-	-	318 122	0.7	441 701.92	1.5			
Non-Cargo	-	128	128	54 414	-	-	-	-	-	-	0.0	13 785.88	0.0			
Total Canada	402	1 026	1 428	18 779 306	7 506 477	22 844	-	-	5 363	7 534 684	17.6	6 905 254.38	23.3			
U.S.A.:																
Cargo	2	15	17	215 703	20 412	-	-	-	-	20 412	0.0	60 160.29	0.2			
Tug and Barge	1	2	3	7 316	481	-	-	-	-	481	0.0	7 046.03	0.0			
Tanker	4	19	23	125 798	34 818	-	-	-	-	34 818	0.1	69 940.84	0.2			
Non-Cargo	-	28	28	18 401	-	-	-	-	-	-	0.0	3 240.66	0.0			
Total U.S.A.	7	64	71	367 218	55 711	-	-	-	-	55 711	0.1	140 387.82	0.5			
FOREIGN:																
Cargo	329	116	445	6 430 734	776 415	-	-	19 778	2 860 026	3 656 219	8.6	3 725 044.60	12.6			
Tug and Barge	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0			
Tanker	21	7	28	289 304	183 429	-	-	-	-	183 429	0.4	164 243.98	0.6			
Non-Cargo	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0			
Total Foreign	350	123	473	6 720 038	959 844	-	-	19 778	2 860 026	3 839 648	9.0	3 889 288.58	13.1			
Total Up	759	1 213	1 972	25 866 562	8 522 032	22 844	-	19 778	2 865 389	11 430 043	26.8	10 934 930.78	36.8			
DOWNBOUND:																
CANADA:																
Cargo	723	21	744	11 467 959	1 994 176	13 741 077	-	1 641	49 316	15 786 210	36.9	8 885 887.65	29.9			
Tug and Barge	10	7	17	39 898	42 679	-	-	-	-	42 679	0.1	55 747.24	0.2			
Tanker	118	36	154	993 685	931 484	-	-	-	-	931 484	2.2	751 617.74	2.5			
Non-Cargo	-	95	95	118 787	-	-	-	-	-	-	0.0	13 481.40	0.0			
Total Canada	851	159	1 010	12 620 329	2 968 339	13 741 077	-	1 641	49 316	16 760 373	39.2	9 706 734.03	32.7			
U.S.A.:																
Cargo	777	69	846	12 843 010	8 873 816	5 308 425	210 398	2 889	74 130	14 469 658	33.9	8 867 544.45	29.9			
Tug and Barge	3	13	16	64 677	11 749	-	-	-	987	12 736	0.0	36 618.20	0.1			
Tanker	17	10	27	202 009	51 945	-	-	-	-	51 945	0.1	119 121.25	0.4			
Non-Cargo	-	43	43	97 173	-	-	-	-	-	-	0.0	11 264.28	0.0			
Total U.S.A.	797	135	932	13 206 869	8 937 510	5 308 425	210 398	2 889	75 117	14 534 339	34.0	9 034 548.18	30.4			
Total Down	1 648	294	1 942	25 827 198	11 905 849	19 049 502	210 398	4 530	124 433	31 294 712	73.2	18 741 282.21	63.2			
TOTALS:																
CANADA:																
U.S.A.:	1 253	1 185	2 438	31 399 635	10 474 816	13 763 921	-	1 641	54 679	24 295 057	56.9	16 611 988.41	56.0			
FOREIGN:	804	199	1 003	13 574 087	8 993 221	5 308 425	210 398	2 889	75 117	14 590 050	34.1	9 174 936.00	30.9			
	350	123	473	6 720 038	959 844	-	-	19 778	2 860 026	3 839 648	9.0	3 889 288.58	13.1			
GRAND TOTAL	2 407	1 507	3 914	51 693 760	20 427 881	19 072 346	210 398	24 308	2 989 822	42 724 755	100.0	29 676 212.99	100.0			

TRAFFIC BY CLASS AND TYPE OF VESSEL
1987

Table 3W

WELLAND CANAL SECTION

CLASS AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE		
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$
UPBOUND:												
OCEAN:												
Cargo	326	157	483	6 906 594	785 307	-	-	19 778	2 750 467	3 555 552	8.3	3 758 230.57
Tanker	26	12	38	388 436	230 476	-	-	-	-	230 476	0.5	212 444.88
Total Ocean	352	169	521	7 295 030	1 015 783	-	-	19 778	2 750 467	3 786 028	8.9	3 970 675.45
LAKER:												
Cargo	347	773	1 120	17 586 200	7 142 531	20 345	-	-	114 922	7 277 798	17.0	6 387 441.35
Tug and Barge	19	10	29	92 900	57 825	2 499	-	-	-	60 324	0.1	92 079.32
Tanker	41	103	144	813 103	305 893	-	-	-	-	305 893	0.7	463 441.86
Total Laker	407	886	1 293	18 492 203	7 506 249	22 844	-	-	114 922	7 644 015	17.9	6 942 962.53
ALL OTHER:												
Total Upbound	-	158	158	79 329	-	-	-	-	-	-	0.0	21 292.80
	759	1 213	1 972	25 866 562	8 522 032	22 844	-	19 778	2 865 389	11 430 043	26.8	10 934 930.78
DOWNBOUND:												
OCEAN:												
Cargo	447	36	483	6 922 296	1 160 264	5 105 225	210 398	4 530	117 558	6 597 975	15.4	4 414 071.93
Tanker	35	3	38	388 436	255 880	-	-	-	-	255 880	0.6	228 472.44
Total Ocean	482	39	521	7 310 732	1 416 144	5 105 225	210 398	4 530	117 558	6 853 855	16.0	4 642 544.37
LAKER:												
Cargo	1 053	54	1 107	17 388 673	9 707 728	13 944 277	-	-	5 888	23 657 003	55.4	13 339 360.17
Tug and Barge	11	20	31	98 061	46 408	-	-	-	987	47 395	0.1	83 611.38
Tanker	100	43	143	807 258	727 549	-	-	-	-	727 549	1.7	642 266.55
Total Laker	1 164	117	1 281	18 293 992	10 481 685	13 944 277	-	-	6 875	24 432 837	57.2	14 065 238.10
ALL OTHER:												
Total Downbound	2	138	140	222 474	8 020	-	-	-	-	8 020	0.0	33 499.74
	1 648	294	1 942	25 827 198	11 905 849	19 049 502	210 398	4 530	124 433	31 294 712	73.2	18 741 282.21
TOTALS:												
OCEAN:												
Cargo	773	193	966	13 828 890	1 945 571	5 105 225	210 398	24 308	2 868 025	10 153 527	23.8	8 172 302.50
Tanker	61	15	76	776 872	486 356	-	-	-	-	486 356	1.1	440 917.32
Total Ocean	834	208	1 042	14 605 762	2 431 927	5 105 225	210 398	24 308	2 868 025	10 639 883	24.9	8 613 819.82
LAKER:												
Cargo	1 400	827	2 227	34 974 873	16 850 259	13 964 622	-	-	120 810	30 935 691	72.4	19 726 801.52
Tug and Barge	30	30	60	190 961	104 233	2 499	-	-	987	107 719	0.3	175 690.70
Tanker	141	146	287	1 620 361	1 033 442	-	-	-	-	1 033 442	2.4	1 105 708.41
Total Laker	1 571	1 003	2 574	36 786 195	17 987 934	13 967 121	-	-	121 797	32 076 852	75.1	21 008 200.63
ALL OTHER:												
	2	296	298	301 803	8 020	-	-	-	-	8 020	0.0	54 792.54
GRAND TOTAL	2 407	1 507	3 914	51 693 760	20 427 881	19 072 346	210 398	24 308	2 989 822	42 724 755	100.0	29 676 212.99
												100.0

TRAFFIC BY TYPE OF TRANSIT AND TYPE OF VESSEL
1987

WELLAND CANAL SECTION														
TYPE OF TRANSIT AND TYPE OF VESSEL	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE				
	Loaded	Ball			Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%	
		Total												
UPBOUND: OVERSEAS: Cargo Tanker	329	116	445	6 430 734	777 439	-	-	19 778	2 860 026	3 657 243	8.6	3 725 044.60	12.6	
	21	7	28	289 304	185 658	-	-	-	-	185 658	0.4	164 243.98	0.6	
	350	123	473	6 720 038	963 097	-	-	19 778	2 860 026	3 842 901	9.0	3 889 288.58	13.1	
	Total Overseas													
INLAND: Cargo Tug and Barge Tanker	342	794	1 136	17 752 482	20 345	-	-	-	5 363	7 146 211	16.7	6 347 900.57	21.4	
	18	10	28	92 098	57 344	-	-	-	-	59 843	0.1	89 299.55	0.3	
	39	99	138	790 922	286 930	-	-	-	-	286 930	0.7	441 650.00	1.1	
	Total Inland	399	903	1 302	18 635 502	7 464 777	-	-	-	5 363	7 492 934	17.5	6 878 850.12	23.2
COASTAL: Cargo Tug and Barge Tanker	2	20	22	309 578	29 896	-	-	-	-	29 896	0.1	72 726.75	0.2	
	1	2	3	7 316	481	-	-	-	-	481	0.0	7 046.03	0.0	
	7	9	16	121 313	63 781	-	-	-	-	63 781	0.1	69 992.76	0.2	
	Total Coastal	10	31	41	438 207	94 158	-	-	-	-	94 158	0.2	149 765.54	0.5
NON-CARGO: Tug All Other	-	98	98	18 985	-	-	-	-	-	-	0.0	7 922.53	0.0	
	-	58	58	53 830	-	-	-	-	-	-	0.0	9 104.01	0.0	
	-	156	156	72 815	-	-	-	-	-	-	0.0	17 026.54	0.1	
	Total Non-Cargo	759	1 213	1 972	25 866 562	8 522 032	-	-	19 778	2 865 389	11 430 043	26.8	10 934 930.78	36.8
DOWNBOUND: OVERSEAS: Cargo Tug and Barge Tanker	449	25	474	6 820 322	1 160 529	5 195 386	210 398	4 530	117 558	6 688 401	15.7	4 426 156.09	14.9	
	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0	
	27	3	30	307 657	203 023	-	-	-	-	203 023	0.5	180 428.10	0.6	
	Total Overseas	476	28	504	7 127 979	1 363 552	5 195 386	210 398	4 530	117 558	6 891 424	16.1	4 606 584.19	15.5
INLAND: Cargo Tug and Barge Tanker	1 024	61	1 085	17 011 032	9 583 090	13 482 179	-	-	5 888	23 071 157	54.0	13 015 149.76	43.9	
	11	19	30	94 746	46 408	-	-	-	987	47 395	0.1	81 473.03	0.3	
	94	38	132	722 435	677 065	-	-	-	-	677 065	1.6	590 623.72	2.0	
	Total Inland	1 129	118	1 247	17 828 213	10 306 563	13 482 179	-	-	6 875	23 795 617	55.7	13 687 246.51	46.1
COASTAL: Cargo Tug and Barge Tanker	27	4	31	479 615	124 373	371 937	-	-	-	496 310	1.2	312 126.25	1.1	
	2	1	3	9 829	8 020	-	-	-	-	8 020	0.0	10 892.41	0.0	
	14	5	19	165 602	103 341	-	-	-	-	103 341	0.2	99 687.17	0.3	
	Total Coastal	43	10	53	655 046	235 734	371 937	-	-	-	607 671	1.4	422 705.83	1.4
NON-CARGO: Tug All Other	-	55	55	15 220	-	-	-	-	-	-	0.0	3 568.65	0.0	
	-	83	83	200 740	-	-	-	-	-	-	0.0	21 177.03	0.1	
	-	138	138	215 960	-	-	-	-	-	-	0.0	24 745.68	0.1	
	Total Non-Cargo	1 648	294	1 942	25 827 198	11 905 849	19 049 502	210 398	4 530	124 433	31 294 712	73.2	18 741 282.21	63.2
Total Downbound	2 407	1 507	3 914	51 693 760	20 427 881	19 072 346	210 398	24 308	2 989 822	42 724 755	100.0	29 676 212.99	100.0	
GRAND TOTAL														

Table 5W

WELLAND CANAL SECTION													
ORIGIN AND DESTINATION (1)	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
	Loaded	Ball			Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
			Total										
UPBOUND:													
Canada - Canada	58	663	721	8 141 831	826 032	-	-	-	-	826 032	1.9	2 143 468.29	7.2
Canada - U.S.A.	344	363	707	10 637 475	6 680 445	22 844	-	-	5 363	6 708 652	15.7	4 761 786.09	16.0
Foreign - Canada	29	26	55	806 780	296 650	-	-	-	106 623	403 273	0.9	315 926.24	1.1
Total Canada	431	1 052	1 483	19 586 086	7 803 127	22 844	-	-	111 986	7 937 957	18.6	7 221 180.62	24.3
U.S.A. - Canada	4	28	32	180 118	34 818	-	-	-	-	34 818	0.1	84 144.81	0.3
U.S.A. - U.S.A.	3	36	39	187 100	20 893	-	-	-	-	20 893	0.0	56 243.01	0.2
Foreign - U.S.A.	321	97	418	5 913 258	663 194	-	-	19 778	2 753 403	3 436 375	8.0	3 573 362.34	12.0
Total U.S.A.	328	161	489	6 280 476	718 905	-	-	19 778	2 753 403	3 492 086	8.2	3 713 750.16	12.5
Total Upbound	759	1 213	1 972	25 866 562	8 522 032	22 844	-	19 778	2 865 389	11 430 043	26.8	10 934 930.78	36.8
DOWNBOUND:													
Canada - Canada	705	150	855	10 623 598	2 122 661	12 529 810	-	-	-	14 652 471	34.3	8 387 543.63	28.3
Canada - U.S.A.	39	2	41	358 691	366 005	15 338	-	-	-	381 343	0.9	260 946.95	0.9
Canada - Foreign	107	7	114	1 638 040	479 673	1 195 929	-	1 641	49 316	1 726 559	4.0	1 058 243.45	3.6
Total Canada	851	159	1 010	12 620 329	2 968 339	13 741 077	-	1 641	49 316	16 760 373	39.2	9 706 734.03	32.7
U.S.A. - Canada	425	82	507	7 598 532	8 025 870	1 308 968	-	-	6 875	9 341 713	21.9	5 435 871.52	18.3
U.S.A. - U.S.A.	3	32	35	118 398	34 030	-	-	-	-	34 030	0.1	50 335.92	0.2
U.S.A. - Foreign	369	21	390	5 489 939	877 610	3 999 457	210 398	2 889	68 242	5 158 596	12.1	3 548 340.74	12.0
Total U.S.A.	797	135	932	13 206 869	8 937 510	5 308 425	210 398	2 889	75 117	14 534 339	34.0	9 034 548.18	30.4
Total Downbound	1 648	294	1 942	25 827 198	11 905 849	19 049 502	210 398	4 530	124 433	31 294 712	73.2	18 741 282.21	63.2
TOTALS:													
Canada - Canada	763	813	1 576	18 765 429	2 948 693	12 529 810	-	-	-	15 478 503	36.2	10 531 011.92	35.5
Canada - U.S.A.	383	365	748	10 996 166	7 046 450	38 182	-	-	5 363	7 089 995	16.6	5 022 733.04	16.9
Canada - Foreign	107	7	114	1 638 040	479 673	1 195 929	-	1 641	49 316	1 726 559	4.0	1 058 243.45	3.6
Foreign - Canada	29	26	55	806 780	296 650	-	-	-	106 623	403 273	0.9	315 926.24	1.1
Total Canada	1 282	1 211	2 493	32 206 415	10 771 466	13 763 921	-	1 641	161 302	24 698 330	57.8	16 927 914.65	57.0
U.S.A. - Canada	429	110	539	7 778 650	8 060 688	1 308 968	-	-	6 875	9 376 531	21.9	5 520 016.33	18.6
U.S.A. - U.S.A.	6	68	74	305 498	54 923	-	-	-	-	54 923	0.1	106 578.93	0.4
U.S.A. - Foreign	369	21	390	5 489 939	877 610	3 999 457	210 398	2 889	68 242	5 158 596	12.1	3 548 340.74	12.0
Foreign - U.S.A.	321	97	418	5 913 258	663 194	-	-	19 778	2 753 403	3 436 375	8.0	3 573 362.34	12.0
Total U.S.A.	1 125	296	1 421	19 487 345	9 656 415	5 308 425	210 398	22 667	2 828 520	18 026 425	42.2	12 748 298.34	43.0
GRAND TOTAL	2 407	1 507	3 914	51 693 760	20 427 881	19 072 346	210 398	24 308	2 989 822	42 724 755	100.0	29 676 212.99	100.0

(1) Origin and destination means country in which transit originated and terminated.

TRAFFIC BY TYPE OF CARGO
1987

Table 6W

WELLAND CANAL SECTION														
TYPE OF CARGO		VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
		Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:														
Bulk		489	-	489	6 555 903	8 425 189	-	-	-	-	8 425 189	19.7	4 817 702.17	16.2
Grains		3	-	3	19 375	-	22 844	-	-	-	22 844	0.1	18 212.91	0.1
Government Aid		-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Containers		1	-	1	1 269	-	-	-	930	-	930	0.0	2 996.91	0.0
General		214	-	214	3 036 086	-	-	-	-	2 265 886	2 265 886	5.3	2 240 035.92	7.5
Mixed		52	-	52	841 116	96 843	-	-	18 848	599 503	715 194	1.7	629 184.17	2.1
Passengers		-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
In Ballast - Overseas		-	123	123	1 778 682	-	-	-	-	-	-	0.0	386 401.38	1.3
- Inland		-	903	903	13 215 965	-	-	-	-	-	-	0.0	2 735 249.19	9.2
- Coastal		-	31	31	345 351	-	-	-	-	-	-	0.0	88 121.59	0.3
- Non-Cargo		-	156	156	72 815	-	-	-	-	-	-	0.0	17 026.54	0.1
Total Upbound		759	1 213	1 972	25 866 562	8 522 032	22 844	-	19 778	2 865 389	11 430 043	26.8	10 934 930.78	36.8
DOWNBOUND:														
Bulk		657	-	657	9 249 815	11 785 342	-	-	-	-	11 785 342	27.6	6 988 328.16	23.5
Grains		815	-	815	12 570 950	-	16 789 912	-	-	-	16 789 912	39.3	9 614 864.66	32.4
Government Aid		4	-	4	40 692	-	30 618	-	-	-	30 618	0.1	25 683.30	0.1
Containers		-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
General		23	-	23	224 678	-	-	-	-	98 121	98 121	0.2	139 839.75	0.5
Mixed		149	-	149	2 178 262	120 507	2 259 590	179 780	4 530	26 312	2 590 719	6.1	1 587 516.86	5.3
Passengers		-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
In Ballast - Overseas		-	28	28	285 553	-	-	-	-	-	-	0.0	76 941.41	0.3
- Inland		-	118	118	949 458	-	-	-	-	-	-	0.0	254 897.69	0.9
- Coastal		-	10	10	111 830	-	-	-	-	-	-	0.0	28 464.70	0.1
- Non-Cargo		-	138	138	215 960	-	-	-	-	-	-	0.0	24 745.68	0.1
Total Downbound		1 648	294	1 942	25 827 198	11 905 849	19 049 502	210 398	4 530	124 433	31 294 712	73.2	18 741 282.21	63.2
TOTALS:														
Bulk		1 146	-	1 146	15 805 718	20 210 531	-	-	-	-	20 210 531	47.3	11 806 030.33	39.8
Grains		818	-	818	12 590 325	-	16 812 756	-	-	-	16 812 756	39.4	9 633 077.57	32.5
Government Aid		4	-	4	40 692	-	30 618	-	-	-	30 618	0.1	25 683.30	0.1
Containers		1	-	1	1 269	-	-	-	930	-	930	0.0	2 996.91	0.0
General		237	-	237	3 260 764	-	-	-	-	2 364 007	2 364 007	5.5	2 379 875.67	8.0
Mixed		201	-	201	3 019 378	217 350	2 259 590	179 780	23 378	625 815	3 305 913	7.7	2 216 701.03	7.5
Passengers		-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
In Ballast - Overseas		-	151	151	2 064 235	-	-	-	-	-	-	0.0	463 342.79	1.6
- Inland		-	1 021	1 021	14 165 423	-	-	-	-	-	-	0.0	2 990 146.88	10.1
- Coastal		-	41	41	457 181	-	-	-	-	-	-	0.0	116 586.29	0.4
- Non-Cargo		-	294	294	288 775	-	-	-	-	-	-	0.0	41 772.22	0.1
GRAND TOTAL		2 407	1 507	3 914	51 693 760	20 427 881	19 072 346	210 398	24 308	2 989 822	42 724 755	100.0	29 676 212.99	100.0

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1987

UPBOUND

Table 7W Part A

TYPE OF TRANSIT AND CARGO		VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE				
		Loaded	Ball			Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%		
				Total												
OVERSEAS:																
Bulk	84	-	-	84	1 066 427	866 254	-	-	-	-	866 254	2.0	636 887.67	2.1		
Grains	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
Government Aid	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
Containers	1	-	-	1	1 269	-	-	-	930	-	930	0.0	2 996.91	0.0		
General	213	-	-	213	3 032 544	-	-	-	-	2 260 523	2 260 523	5.3	2 233 818.45	7.5		
Mixed	52	-	-	52	841 116	96 843	-	-	-	18 848	599 503	1.7	629 184.17	2.1		
In Ballast	-	123	-	123	1 778 682	-	-	-	-	-	-	0.0	386 401.38	1.3		
Total Overseas	350	123	473	6 720 038	963 097	-	-	-	19 778	2 860 026	3 842 901	9.0	3 889 288.58	13.1		
INLAND:																
Bulk	395	-	-	395	5 396 620	7 464 777	-	-	-	-	7 464 777	17.5	4 119 170.55	13.9		
Grains	3	-	-	3	19 375	-	22 844	-	-	-	22 844	0.1	18 212.91	0.1		
Government Aid	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
Containers	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
General	1	-	-	1	3 542	-	-	-	-	5 363	5 363	0.0	6 217.47	0.0		
Mixed	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
In Ballast	-	903	-	903	13 215 965	-	-	-	-	-	-	0.0	2 735 249.19	9.2		
Total Inland	399	903	1 302	18 635 502	7 464 777	22 844	-	-	-	5 363	7 492 984	17.5	6 878 850.12	23.2		
COASTAL:																
Bulk	10	-	-	10	92 856	94 158	-	-	-	-	94 158	0.2	61 643.95	0.2		
Grains	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
Government Aid	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
Containers	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
General	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
Mixed	-	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0		
In Ballast	-	31	-	31	345 351	-	-	-	-	-	-	0.0	88 121.59	0.3		
Total Coastal	10	31	41	438 207	94 158	94 158	-	-	-	-	94 158	0.2	149 765.54	0.5		
NON-CARGO:																
	-	156	-	156	72 815	-	-	-	-	-	-	0.0	17 026.54	0.1		
Total Upbound	759	1 213	1 972	25 866 562	8 522 032	22 844	-	-	19 778	2 865 389	11 430 043	26.8	10 934 930.78	36.8		

TRAFFIC BY TYPE OF TRANSIT AND CARGO
1987

DOWNBOUND

Table 7W Part B

WELLAND CANAL SECTION														
TYPE OF TRANSIT AND CARGO		VESSEL TRANSITS		GROSS REGISTERED TONNAGE	CARGO TONNES						REVENUE			
		Loaded	Ball		Total	Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
OVERSEAS:	Bulk	115	-	115	1 305 950	1 252 691	-	-	-	-	1 252 691	2.9	894 477.65	3.0
	Grains	261	-	261	4 193 605	-	4 451 186	-	-	-	4 451 186	10.4	2 771 106.99	9.3
	Government Aid	4	-	4	40 692	-	-	30 618	-	-	30 618	0.1	25 683.30	0.1
	Containers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	General	19	-	19	218 316	-	-	-	-	93 768	93 768	0.2	126 444.78	0.4
	Mixed	77	-	77	1 083 863	110 861	744 200	179 780	4 530	23 790	1 063 161	2.5	711 930.06	2.4
	In Ballast	-	28	28	285 553	-	-	-	-	-	-	0.0	76 941.41	0.3
Total Overseas		476	28	504	7 127 979	1 363 552	5 195 386	210 398	4 530	117 558	6 891 424	16.1	4 606 584.19	15.5
INLAND:	Bulk	519	-	519	7 687 524	10 296 917	-	-	-	-	10 296 917	24.1	5 920 883.56	20.0
	Grains	545	-	545	8 228 902	-	12 147 900	-	-	-	12 147 900	28.4	6 733 295.66	22.7
	Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	Containers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	General	4	-	4	6 362	-	-	-	-	4 353	4 353	0.0	13 394.97	0.0
	Mixed	61	-	61	955 967	9 646	1 334 279	-	-	2 522	1 346 447	3.2	764 774.63	2.6
	In Ballast	-	118	118	949 458	-	-	-	-	-	-	0.0	254 897.69	0.9
Total Inland		1 129	118	1 247	17 828 213	10 306 563	13 482 179	-	-	6 875	23 795 617	55.7	13 687 246.51	46.1
COASTAL:	Bulk	23	-	23	256 341	235 734	-	-	-	-	235 734	0.6	172 966.95	0.6
	Grains	9	-	9	148 443	-	190 826	-	-	-	190 826	0.4	110 462.01	0.4
	Government Aid	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	Containers	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	General	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
	Mixed	11	-	11	138 432	-	181 111	-	-	-	181 111	0.4	110 812.17	0.4
	In Ballast	-	10	10	111 830	-	-	-	-	-	-	0.0	28 464.70	0.1
Total Coastal		43	10	53	655 046	235 734	371 937	-	-	-	607 671	1.4	422 705.83	1.4
NON-CARGO:		-	138	138	215 960	-	-	-	-	-	-	0.0	24 745.68	0.1
Total Downbound		1 648	294	1 942	25 827 198	11 905 849	19 049 502	210 398	4 530	124 433	31 294 712	73.2	18 741 282.21	63.2
GRAND TOTAL		2 407	1 507	3 914	51 693 760	20 427 881	19 072 346	210 398	24 308	2 989 822	42 724 755	100.0	29 676 212.99	100.0

TRAFFIC BY COUNTRY OF REGISTRY
1987

WELLAND CANAL SECTION

Table 8W

COUNTRY OF REGISTRY	VESSEL TRANSITS		GROSS REGISTERED TONNAGE	CARGO TONNES				General	Total	%	REVENUE	
	Loaded	Ball	Total	Bulk	Grains	Govt. Aid	Containers				\$	%
Canada	1 505	1 137	2 642	17 254 452	13 953 191	-	-	121 797	31 329 440	73.3	20 454 228.43	68.9
United States	75	150	225	705 878	13 930	-	-	51 904	771 712	1.8	648 212.35	2.2
England	6	6	12	4 013	74 660	-	577	23 504	102 754	0.2	79 200.50	0.3
Baltic Countries	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Belgium	2	-	2	-	25 545	-	125	16 611	42 281	0.1	29 415.21	0.1
Denmark	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Norway	2	-	2	7 983	-	-	-	-	7 983	0.0	8 513.19	0.0
Sweden	6	-	6	7 650	15 530	-	-	23 323	46 503	0.1	41 902.35	0.1
Finland	4	2	6	21 913	-	-	-	5 271	27 184	0.1	29 541.26	0.1
France	4	-	4	4 100	36 895	-	-	18 018	59 013	0.1	43 305.08	0.1
West Germany	3	1	4	6 431	-	-	-	4 714	11 145	0.0	17 686.09	0.1
Greece	93	32	125	235 596	632 478	75 657	1 789	290 053	1 235 573	2.9	1 003 994.14	3.4
Italy	10	-	10	67 547	51 733	-	-	16 272	135 552	0.3	95 523.66	0.3
Poland	45	17	62	-	515 404	-	-	208 853	724 257	1.7	568 828.43	1.9
Russia	7	5	12	-	22 442	-	-	4 250	26 692	0.1	45 412.28	0.2
Spain	20	2	22	122 510	8 088	-	-	30 518	161 116	0.4	135 878.92	0.5
Yugoslavia	60	8	68	179 761	539 864	-	2 187	275 135	996 947	2.3	731 179.67	2.5
Iceland	12	-	12	65 815	-	-	-	1 472	67 287	0.2	61 426.83	0.2
Cuba	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Panama	131	31	162	290 979	825 068	45 740	704	482 812	1 645 303	3.9	1 351 284.02	4.6
West Indies	11	1	12	-	63 773	5 627	-	62 301	131 701	0.3	110 374.99	0.4
British W. Indies and Bermuda	56	23	79	136 173	299 718	-	1 043	187 691	624 625	1.5	554 790.66	1.9
Central America	2	-	2	2 100	2 959	-	-	49	5 108	0.0	7 514.76	0.0
Brazil	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Venezuela	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Peru	1	1	2	4 497	-	-	-	-	-	0.0	0.00	0.0
China (Nationalist)	-	-	-	-	-	3 046	-	3	7 546	0.0	9 356.56	0.0
India	29	5	34	28 561	270 410	7 181	-	153 152	459 304	1.1	347 989.94	1.2
Japan	17	7	24	25 499	98 030	-	955	71 571	196 055	0.5	177 073.63	0.6
Middle East	93	33	126	356 994	519 108	32 458	4 365	294 172	1 207 097	2.8	983 944.99	3.3
Israel	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Turkey	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Other Asia	46	18	64	172 781	277 507	4 687	219	116 561	571 775	1.3	476 327.63	1.6
Liberia	148	23	171	698 052	751 101	36 002	12 344	484 558	1 982 057	4.6	1 518 777.09	5.1
Algeria	2	2	4	-	-	-	-	4 702	4 702	0.0	13 297.40	0.0
French Africa	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Other	17	3	20	28 596	74 912	-	-	40 535	144 043	0.3	131 232.93	0.4
GRAND TOTAL	2 407	1 507	3 914	20 427 881	19 072 346	210 398	24 308	2 989 822	42 724 755	100.0	29 676 212.99	100.0

TRAFFIC BY CLASSIFICATION AND TYPE OF CARGO
1987

Table 9W

WELLAND CANAL SECTION

COMMODITY	CARGO TONNES						% OF TOTAL
	Bulk	Grains	Govt. Aid	Containers	General	Total	
Wheat	-	12 801 222	-	-	-	12 801 222	30.0
Corn	-	2 260 913	-	-	-	2 260 913	5.3
Rye	-	34 100	-	-	-	34 100	0.1
Oats	-	109 963	-	-	-	109 963	0.3
Barley	-	1 473 230	-	-	-	1 473 230	3.4
Flour, Wheat	-	-	8 499	-	-	8 499	0.0
Flour, Edible, Other	-	-	24 712	-	-	24 712	0.1
Soybeans	-	1 274 013	-	-	-	1 274 013	3.0
Soybean Oil, Cake and Meal	5 464	-	-	40	-	5 504	0.0
Beans and Peas	-	220 618	-	-	-	220 618	0.5
Malt	-	13 739	-	-	-	13 739	0.0
Flaxseed	-	374 843	-	-	-	374 843	0.9
Sunflower Seeds	-	131 637	-	-	-	131 637	0.3
Other Agricultural Products	6 867	378 068	49 067	319	-	434 321	1.0
Total Agricultural Products	12 331	19 072 346	82 278	359	-	19 167 314	44.9
Packing House Products, Edible	1 994	-	-	506	-	2 500	0.0
Hides, Skins and Pelts	-	-	-	-	-	-	0.0
Other Animal Products	17 111	-	-	288	-	17 399	0.0
Total Animal Products	19 105	-	-	794	-	19 899	0.0
Bituminous Coal	5 644 283	-	-	-	-	5 644 283	13.2
Coke	822 061	-	-	-	-	822 061	1.9
Iron Ore	6 180 641	-	-	-	-	6 180 641	14.5
Aluminum Ore and Concentrates	136 984	-	-	-	-	136 984	0.3
Clay and Bentonite	164 766	-	-	-	-	164 766	0.4
Gravel and Sand	89 372	-	-	-	-	89 372	0.2
Stone, Ground or Crushed	889 303	-	-	-	-	889 303	2.1
Stone, Rough	-	-	-	-	-	-	0.0
Petroleum, Crude	-	-	-	-	-	-	0.0
Salt	1 766 446	-	-	-	-	1 766 446	4.1
Phosphate Rock	-	-	-	-	-	-	0.0
Sulphur	-	-	-	-	-	-	0.0
Other Mine Products	814 099	-	-	77	956	815 132	1.9
Total Mine Products	16 507 955	-	-	77	956	16 508 988	38.6
Pulpwood	2 357	-	-	-	-	2 357	0.0
Other Forest Products	-	-	-	55	1 373	1 428	0.0
Total Forest Products	2 357	-	-	55	1 373	3 785	0.0
Gasoline	97 982	-	-	-	-	97 982	0.2
Fuel Oil	569 051	-	-	-	-	569 051	1.3
Lubricating Oils and Greases	27 119	-	-	-	-	27 119	0.1
Petroleum Products, Other	136 356	-	-	-	73	136 429	0.3
Rubber, Crude, Natural, Synthetic	-	-	-	-	-	-	0.0
Chemicals	626 520	-	-	998	139	627 657	1.5
Sodium Products	159 403	-	-	135	-	159 538	0.4
Tar, Pitch and Creosote	49 026	-	-	-	4	49 030	0.1
Pig Iron	104 815	-	-	-	-	104 815	0.2
Iron and Steel, Bars, Rods, Slabs	-	-	-	281	469 680	469 961	1.1
Iron and Steel, Nails and Wire	-	-	-	1 231	5 720	6 951	0.0
Iron and Steel, Manufactured	-	-	-	2 245	2 195 356	2 197 601	5.1
Machinery and Machines	481	-	-	3 897	46 104	50 482	0.1
Cement	549 874	-	-	-	-	549 874	1.3
Woodpulp	119 179	-	-	-	-	119 179	0.3
Newsprint	-	-	-	-	-	-	0.0
Syrup and Molasses	-	-	-	-	-	-	0.0
Sugar	13 042	-	-	-	-	13 042	0.0
Food Products	-	-	33 828	326	4	34 158	0.1
Scrap Iron and Steel	372 318	-	-	-	-	372 318	0.9
Other Manufactures and Misc. (1)	1 060 967	-	94 292	13 910	270 413	1 439 582	3.4
Total Manufactures and Misc.	3 886 133	-	128 120	23 023	2 987 493	7 024 769	16.4
GRAND TOTAL	20 427 881	19 072 346	210 398	24 308	2 989 822	42 724 755	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1987

Table 10W Part A

WELLAND CANAL SECTION

		WELLAND CANAL SECTION								
NO.	COMMODITY	From: To:	UPBOUND TONNES						TOTAL UPBOUND	% OF TOTAL UP- BOUND
			Canada		United States		Foreign			
			Canada	United States	Canada	United States	Canada	United States		
1	Wheat		-	20 345	-	-	-	-	20 345	0.2
2	Corn		-	2 499	-	-	-	-	2 499	0.0
3	Rye		-	-	-	-	-	-	-	0.0
4	Oats		-	-	-	-	-	-	-	0.0
5	Barley		-	-	-	-	-	-	-	0.0
6	Flour, Wheat		-	-	-	-	-	-	-	0.0
7	Flour, Edible, Other		-	-	-	-	-	-	-	0.0
8	Soybeans		-	-	-	-	-	-	-	0.0
9	Soybean Oil, Cake and Meal		-	-	-	-	-	40	40	0.0
10	Beans and Peas		-	-	-	-	-	-	-	0.0
11	Malt		-	-	-	-	-	-	-	0.0
12	Flaxseed		-	-	-	-	-	-	-	0.0
13	Sunflower Seeds		-	-	-	-	-	-	-	0.0
14	Other Agricultural Products		-	-	-	-	-	58	58	0.0
15	Total Agricultural Products		-	22 844	-	-	-	98	22 942	0.2
16	Packing House Products, Edible		-	-	-	-	-	506	506	0.0
17	Hides, Skins and Pelts		-	-	-	-	-	-	-	0.0
18	Other Animal Products		-	-	-	-	-	288	288	0.0
19	Total Animal Products		-	-	-	-	-	794	794	0.0
20	Bituminous Coal		-	-	-	-	-	-	-	0.0
21	Coke		-	84 384	-	-	-	-	84 384	0.7
22	Iron Ore		569 020	4 686 262	-	-	53 753	5 309 035	46.4	46.4
23	Aluminum Ore and Concentrates		-	-	-	-	113 928	23 056	136 984	1.2
24	Clay and Bentonite		-	-	-	-	-	5 753	5 753	0.1
25	Gravel and Sand		-	-	-	-	-	-	-	0.0
26	Stone, Ground or Crushed		-	622 843	-	20 412	-	-	643 255	5.6
27	Stone, Rough		-	-	-	-	-	-	-	0.0
28	Petroleum, Crude		-	-	-	-	-	-	-	0.0
29	Salt		-	20 586	-	-	-	-	20 586	0.2
30	Phosphate Rock		-	-	-	-	-	-	-	0.0
31	Sulphur		-	-	-	-	-	-	-	0.0
32	Other Mine Products		63 380	44 009	-	-	62 561	130 426	300 376	2.6
33	Total Mine Products		632 400	5 458 084	-	20 412	176 489	212 988	6 500 373	56.9
34	Pulpwood		-	-	-	-	-	2 357	2 357	0.0
35	Other Forest Products		-	-	-	-	-	108	108	0.0
36	Total Forest Products		-	-	-	-	-	2 465	2 465	0.0
37	Gasoline		15 130	6 754	16 604	-	5 235	-	43 723	0.4
38	Fuel Oil		115 238	118 794	-	-	18 464	-	252 496	2.2
39	Lubricating Oils and Greases		9 354	-	-	-	11 267	-	20 621	0.2
40	Petroleum Products, Other		28 150	9 037	-	-	35 396	1 300	73 883	0.6
41	Rubber, Crude, Natural, Synthetic		-	-	-	-	-	-	-	0.0
42	Chemicals		3 436	12 229	18 214	-	35 361	161 619	230 859	2.0
43	Sodium Products		-	-	-	-	-	101	101	0.0
44	Tar, Pitch and Creosote		-	-	-	-	-	-	-	0.0
45	Pig Iron		2 011	100 263	-	-	-	2 541	104 815	0.9
46	Iron and Steel, Bars, Rods, Slabs		-	-	-	-	50 092	419 810	469 902	4.1
47	Iron and Steel, Nails and Wire		-	-	-	-	-	6 935	6 935	0.1
48	Iron and Steel, Manufactured		-	5 363	-	-	56 330	2 085 312	2 147 005	18.8
49	Machinery and Machines		-	-	-	481	-	38 433	38 914	0.3
50	Cement		20 313	429 480	-	-	-	87 841	537 634	4.7
51	Woodpulp		-	-	-	-	-	80 284	80 284	0.7
52	Newsprint		-	-	-	-	-	-	-	0.0
53	Syrup and Molasses		-	-	-	-	-	-	-	0.0
54	Sugar		-	-	-	-	5 018	8 024	13 042	0.1
55	Food Products		-	-	-	-	-	249	249	0.0
56	Scrap Iron and Steel		-	127 795	-	-	-	-	127 795	1.1
57	Other Manufactures and Misc. (1)		-	418 009	-	-	9 621	327 581	755 211	6.6
58	Total Manufactures and Misc.		193 632	1 227 724	34 818	481	226 784	3 220 030	4 903 469	42.9
59	GRAND TOTAL		826 032	6 708 652	34 818	20 893	403 273	3 436 375	11 430 043	100.0

(1) Includes Unclassified Cargoes.

TRAFFIC BY COMMODITY CLASSIFICATION AND NATIONALITY
1987

Table 10W Part B

WELLAND CANAL SECTION

DOWNBOUND TONNES						TOTAL DOWNBOUND	% OF TOTAL DOWN- BOUND	GRAND TOTALS		NO.
From: Canada			United States					TOTAL CARGO TONNES	% OF TOTAL	
To: Canada	United States	Foreign	Canada	United States	Foreign					
10 816 215	-	248 816	174 221	-	1 541 625	12 780 877	40.8	12 801 222	30.0	1
412 700	-	46 605	753 434	-	1 045 675	2 258 414	7.2	2 260 913	5.3	2
-	-	28 893	-	-	5 207	34 100	0.1	34 100	0.1	3
41 580	15 338	38 794	14 251	-	-	109 963	0.4	109 963	0.3	4
1 008 599	-	-	228 606	-	236 025	1 473 230	4.7	1 473 230	3.4	5
-	-	-	-	-	8 499	8 499	0.0	8 499	0.0	6
-	-	-	-	-	24 712	24 712	0.1	24 712	0.1	7
62 661	-	85 602	138 456	-	987 294	1 274 013	4.1	1 274 013	3.0	8
5 464	-	-	-	-	-	5 464	0.0	5 504	0.0	9
-	-	191 042	-	-	29 576	220 618	0.7	220 618	0.5	10
11 016	-	2 631	-	-	92	13 739	0.0	13 739	0.0	11
3 435	-	371 408	-	-	-	374 843	1.2	374 843	0.9	12
-	-	-	-	-	131 637	131 637	0.4	131 637	0.3	13
173 604	-	182 138	-	-	78 521	434 263	1.4	434 321	1.0	14
12 535 274	15 338	1 195 929	1 308 968	-	4 088 863	19 144 372	61.2	19 167 314	44.9	15
-	-	-	-	-	1 994	1 994	0.0	2 500	0.0	16
-	-	-	-	-	-	-	0.0	-	0.0	17
-	-	1 130	-	-	15 981	17 111	0.1	17 399	0.0	18
-	-	1 130	-	-	17 975	19 105	0.1	19 899	0.0	19
59 626	-	-	5 559 729	-	24 928	5 644 283	18.0	5 644 283	13.2	20
59 696	-	-	536 249	-	141 732	737 677	2.4	822 061	1.9	21
-	-	-	871 606	-	-	871 606	2.8	6 180 641	14.5	22
-	-	-	-	-	-	-	0.0	136 984	0.3	23
-	-	-	105 111	-	53 902	159 013	0.5	164 766	0.4	24
-	-	-	89 372	-	-	89 372	0.3	89 372	0.2	25
-	-	-	231 637	14 411	-	246 048	0.8	889 303	2.1	26
-	-	-	-	-	-	-	0.0	-	0.0	27
-	-	-	-	-	-	-	0.0	-	0.0	28
1 241 999	104 657	21 455	358 130	19 619	-	1 745 860	5.6	1 766 446	4.1	29
-	-	-	-	-	-	-	0.0	-	0.0	30
-	-	-	-	-	-	-	0.0	-	0.0	31
140 938	36 093	145 164	188 047	-	4 514	514 756	1.6	815 132	1.9	32
1 502 259	140 750	166 619	7 939 881	34 030	225 076	10 008 615	32.0	16 508 988	38.6	33
-	-	-	-	-	-	-	0.0	2 357	0.0	34
-	-	-	-	-	1 320	1 320	0.0	1 428	0.0	35
-	-	-	-	-	1 320	1 320	0.0	3 785	0.0	36
42 296	-	-	11 963	-	-	54 259	0.2	97 982	0.2	37
186 752	124 874	-	4 929	-	-	316 555	1.0	569 051	1.3	38
-	-	-	6 498	-	-	6 498	0.0	27 119	0.1	39
47 093	4 750	10 651	-	-	52	62 546	0.2	136 429	0.3	40
-	-	-	-	-	-	-	0.0	-	0.0	41
129 628	82 034	170 646	7 129	-	7 361	396 798	1.3	627 657	1.5	42
159 403	-	-	-	-	34	159 437	0.5	159 538	0.4	43
26 094	-	-	22 932	-	4	49 030	0.2	49 030	0.1	44
-	-	-	-	-	-	-	0.0	104 815	0.2	45
-	-	-	-	-	59	59	0.0	469 961	1.1	46
-	-	-	-	-	16	16	0.0	6 951	0.0	47
-	-	23 509	5 888	-	21 199	50 596	0.2	2 197 601	5.1	48
-	-	4 515	987	-	6 066	11 568	0.0	50 482	0.1	49
-	12 240	-	-	-	-	12 240	0.0	549 874	1.3	50
-	-	38 895	-	-	-	38 895	0.1	119 179	0.3	51
-	-	-	-	-	-	-	0.0	-	0.0	52
-	-	-	-	-	-	-	0.0	-	0.0	53
-	-	-	-	-	-	-	0.0	13 042	0.0	54
-	-	-	-	-	33 909	33 909	0.1	34 158	0.1	55
-	-	40 405	-	-	204 118	244 523	0.8	372 318	0.9	56
23 672	1 357	74 260	32 538	-	552 544	684 371	2.2	1 439 582	3.4	57
614 938	225 255	362 881	92 864	-	825 362	2 121 300	6.8	7 024 769	16.4	58
14 652 471	381 343	1 726 559	9 341 713	34 030	5 158 596	31 294 712	100.0	42 724 755	100.0	59

TRAFFIC BY VESSEL LENGTH
1987

Table 11W

WELLAND CANAL SECTION

VESSEL LENGTH	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE		
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$
UPBOUND:												
under 32 m	-	99	99	16 099	-	-	-	-	-	-	0.0	10 100.53
32 - 62 m	4	50	54	29 462	1 291	2 499	-	-	-	3 790	0.0	13 685.84
63 - 93 m	10	11	21	41 373	14 777	-	-	930	2 660	18 367	0.0	49 306.63
94 - 124 m	90	84	174	765 102	367 311	-	-	667	96 375	464 353	1.1	647 980.03
125 - 155 m	103	103	206	1 626 545	603 523	-	-	-	228 086	831 609	1.9	953 964.67
156 - 186 m	186	116	302	4 295 413	792 135	20 345	-	3 023	1 501 371	2 316 874	5.4	2 261 969.73
187 - 217 m	109	107	216	3 179 209	1 053 036	-	-	1 452	528 568	1 583 056	3.7	1 285 464.92
over 217 m	257	643	900	15 913 359	5 689 959	-	-	13 706	508 329	6 211 994	14.5	5 712 458.43
Total Upbound	759	1 213	1 972	25 866 562	8 522 032	22 844	-	19 778	2 865 389	11 430 043	26.3	10 934 930.78
DOWNBOUND:												
under 32 m	-	64	64	16 864	-	-	-	-	-	-	0.0	6 890.65
32 - 62 m	-	54	54	32 032	-	-	-	-	-	-	0.0	10 726.72
63 - 93 m	14	10	24	46 658	37 459	92	-	66	4 093	41 710	0.1	65 292.57
94 - 124 m	131	43	174	767 078	499 452	239 419	-	242	7 921	747 034	1.7	764 399.23
125 - 155 m	150	56	206	1 624 572	846 183	253 388	143 712	3 493	20 505	1 267 281	3.0	1 080 368.97
156 - 186 m	269	33	302	4 273 648	660 746	3 267 983	66 686	729	25 700	4 021 844	9.4	2 642 143.58
187 - 217 m	203	24	227	3 318 565	1 115 077	2 253 402	-	-	66 214	3 434 693	8.0	2 156 751.92
over 217 m	881	10	891	15 747 781	8 746 932	13 035 218	-	-	-	21 782 150	51.0	12 014 708.57
Total Downbound	1 648	294	1 942	25 827 198	11 905 849	19 049 502	210 398	4 530	124 433	31 294 712	73.2	18 741 282.21
TOTALS:												
under 32 m	-	163	163	32 963	-	-	-	-	-	-	0.0	16 991.18
32 - 62 m	4	104	108	61 494	1 291	2 499	-	-	-	3 790	0.0	24 412.56
63 - 93 m	24	21	45	88 031	52 236	92	-	996	6 753	60 077	0.1	114 599.20
94 - 124 m	221	127	348	1 532 180	866 763	239 419	-	909	104 296	1 211 387	2.8	1 412 379.26
125 - 155 m	253	159	412	3 251 117	1 449 706	253 388	143 712	3 493	248 591	2 098 890	4.9	2 034 333.64
156 - 186 m	455	149	604	8 569 061	1 452 881	3 288 328	66 686	3 752	1 527 071	6 338 718	14.8	4 904 113.31
187 - 217 m	312	131	443	6 497 774	2 168 113	2 253 402	-	1 452	594 782	5 017 749	11.7	3 442 216.84
over 217 m	1 138	653	1 791	31 661 140	14 436 891	13 035 218	-	13 706	508 329	27 994 144	65.5	17 727 167.00
GRAND TOTAL	2 407	1 507	3 914	51 693 760	20 427 881	19 072 346	210 398	24 308	2 989 822	42 724 755	100.0	29 676 212.99
												100.0

TRAFFIC BY VESSEL SIZE IN GROSS REGISTERED TONS
1987

Table 12W

WELLAND CANAL SECTION

GROSS REGISTERED TONS	VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES						
	Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%
UPBOUND:											
under 1000	4	148	152	44 084	1 291	2 499	-	-	-	3 790	0.0
1000- 1999	10	11	21	36 099	10 307	-	-	1 597	8 322	20 226	0.0
2000- 2999	6	3	9	25 078	14 634	-	-	-	49	14 683	0.0
3000- 3999	24	39	63	223 185	85 873	-	-	-	18 994	104 867	0.2
4000- 4999	44	38	82	378 957	238 231	-	-	-	13 403	251 634	0.6
5000- 5999	32	44	76	421 269	169 352	-	-	-	30 207	199 559	0.5
6000- 6999	12	28	40	263 055	52 583	-	-	-	32 912	85 495	0.2
7000- 7999	7	18	25	193 138	22 419	-	-	-	25 623	48 042	0.1
8000- 8999	16	5	21	175 215	129 727	-	-	-	25 377	155 104	0.4
9000- 9999	49	45	94	885 511	468 282	20 345	-	-	63 802	552 429	1.3
10000-10999	12	15	27	286 971	81 779	-	-	-	34 725	116 504	0.3
11000-11999	30	30	60	682 925	249 554	-	-	-	43 945	293 499	0.7
12000-12999	14	16	30	376 850	53 351	-	-	-	83 464	136 815	0.3
13000-13999	39	24	63	871 930	502 943	-	-	819	123 073	626 835	1.5
14000-14999	25	11	36	522 208	195 885	-	-	-	144 606	340 491	0.8
15000-15999	78	137	215	3 376 864	990 025	-	-	626	365 166	1 355 817	3.2
16000-16999	120	257	377	6 195 185	1 375 503	-	-	881	707 222	2 083 606	4.9
17000 & over	237	344	581	10 908 038	3 880 293	-	-	15 855	1 144 499	5 040 647	11.8
Total Up	759	1 213	1 972	25 866 562	8 522 032	22 844	-	19 778	2 865 389	11 430 043	26.8
DOWNBOUND:											
under 1000	2	114	116	46 394	-	-	-	-	2 118	2 118	0.0
1000- 1999	11	14	25	42 409	18 500	92	-	308	4 684	23 584	0.1
2000- 2999	5	4	9	25 078	23 079	2 959	-	-	-	26 038	0.1
3000- 3999	52	11	63	223 019	133 398	130 241	-	-	4 983	268 622	0.6
4000- 4999	54	27	81	374 421	211 897	101 470	-	-	2 277	315 644	0.7
5000- 5999	52	23	75	415 425	301 677	23 048	-	178	1 863	326 766	0.8
6000- 6999	36	7	43	280 842	262 670	31 094	17 108	332	89	311 293	0.7
7000- 7999	17	8	25	193 225	72 831	80 634	-	-	480	153 945	0.4
8000- 8999	14	12	26	219 535	57 549	32 940	2 727	1 641	2 917	97 774	0.2
9000- 9999	69	27	96	905 725	64 816	736 308	61 810	935	6 205	870 074	2.0
10000-10999	25	5	30	319 172	145 947	78 896	42 871	73	6 247	274 034	0.6
11000-11999	57	3	60	682 925	618 048	40 154	32 120	172	250	690 744	1.6
12000-12999	23	6	29	364 105	69 327	255 612	6 124	298	652	332 013	0.8
13000-13999	58	6	64	885 920	497 717	408 286	28 322	-	2	934 327	2.2
14000-14999	34	3	37	536 047	157 057	422 892	-	-	-	579 949	1.4
15000-15999	212	2	214	3 361 343	541 740	3 936 983	8 087	-	36 667	4 523 477	10.6
16000-16999	368	6	374	6 146 209	1 013 103	7 201 811	11 229	593	31 490	8 258 226	19.3
17000 & over	559	16	575	10 805 404	7 716 493	5 566 082	-	-	23 509	13 306 084	31.1
Total Down	1 648	294	1 942	25 827 198	11 905 849	19 049 502	210 398	4 530	124 433	31 294 712	73.2
TOTALS:											
under 1000	6	262	268	90 478	1 291	2 499	-	-	2 118	5 908	0.0
1000- 1999	21	25	46	78 508	28 807	92	-	1 905	13 006	43 810	0.1
2000- 2999	11	7	18	50 156	37 713	2 959	-	-	49	40 721	0.1
3000- 3999	76	50	126	446 204	219 271	130 241	-	-	23 977	373 489	0.9
4000- 4999	98	65	163	753 378	450 128	101 470	-	-	15 680	567 278	1.3
5000- 5999	84	67	151	836 694	471 029	23 048	-	178	32 070	526 325	1.2
6000- 6999	48	35	83	543 897	315 253	31 094	17 108	332	33 001	396 788	0.9
7000- 7999	24	26	50	386 363	95 250	80 634	-	-	26 103	201 987	0.5
8000- 8999	30	17	47	394 750	187 276	32 940	2 727	1 641	28 294	252 878	0.6
9000- 9999	118	72	190	1 791 236	533 098	756 653	61 810	935	70 007	1 422 503	3.3
10000-10999	37	20	57	606 143	227 726	78 896	42 871	73	40 972	390 538	0.9
11000-11999	87	33	120	1 365 850	867 602	40 154	32 120	172	44 195	984 243	2.3
12000-12999	37	22	59	740 955	122 678	255 612	6 124	298	84 116	468 828	1.1
13000-13999	97	30	127	1 757 850	1 000 660	408 286	28 322	819	123 075	1 561 162	3.7
14000-14999	59	14	73	1 058 255	352 942	422 892	-	-	144 606	920 440	2.2
15000-15999	290	139	429	6 738 207	1 531 765	3 936 983	8 087	626	401 833	5 879 294	13.8
16000-16999	488	263	751	12 341 394	2 388 606	7 201 811	11 229	1 474	738 712	10 341 832	24.2
17000 & over	796	360	1 156	21 713 442	11 596 786	5 566 082	-	15 855	1 168 008	18 346 731	42.9
GRAND TOTAL	2 407	1 507	3 914	51 693 760	20 427 881	19 072 346	210 398	24 308	2 989 822	42 724 755	100.0

TRAFFIC BY MONTH AND TYPE OF CARGO
1987

Table 13W

DIRECTION AND MONTH		VESSEL TRANSITS			GROSS REGISTERED TONNAGE	CARGO TONNES					REVENUE			
		Loaded	Ball	Total		Bulk	Grains	Govt. Aid	Containers	General	Total	%	\$	%
UPBOUND:		83	158	241	1 085 591	13 368	-	792	255 271	1 355 022	-	0.0	1 285 828.81	0.0
March	April	93	177	270	972 166	9 476	-	3 701	403 284	1 389 427	-	3.2	1 444 705.34	4.3
May	June	79	138	217	853 837	-	-	3 430	324 236	1 181 503	-	3.3	1 171 330.94	4.9
July	August	76	83	159	795 191	-	-	3 080	343 455	1 141 726	-	2.8	1 001 392.32	3.9
September	October	72	99	171	709 718	-	-	1 670	282 440	993 828	-	2.7	956 049.39	3.4
November	December	95	138	233	992 387	-	-	2 563	347 434	1 342 384	-	2.3	1 282 857.85	3.2
January	February	97	154	251	1 259 920	-	-	1 280	230 694	1 491 894	-	3.1	1 395 731.97	4.3
March	April	111	153	264	1 087 678	-	-	1 752	544 526	1 633 956	-	3.5	1 555 396.91	4.7
May	June	53	113	166	764 744	-	-	1 510	134 049	900 303	-	3.8	841 637.25	5.2
July	August	-	-	-	-	-	-	-	-	-	-	2.1	0.00	2.8
September	October	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
November	December	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
January	February	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Total Upbound		759	1 213	1 972	8 522 032	22 844	-	19 778	2 865 389	11 430 043	26.8	10 934 930.78	36.8	
DOWNBOUND:		176	22	198	1 242 330	2 315 058	-	-	6 057	3 563 445	-	0.0	0.00	0.0
March	April	225	37	262	1 710 503	2 674 530	-	-	35 697	4 432 759	-	8.3	2 057 448.02	6.9
May	June	194	39	233	1 402 362	2 310 292	11 884	145	12 315	3 724 969	-	10.4	2 231 917.06	8.9
July	August	118	30	148	952 584	1 108 787	17 668	729	12 211	2 091 979	-	8.7	1 316 605.69	7.5
September	October	145	32	177	1 104 651	1 381 980	33 442	571	14 429	2 535 073	-	4.9	1 566 642.08	4.4
November	December	178	33	211	1 414 353	2 070 325	23 158	242	7 499	3 515 577	-	5.9	2 072 846.90	5.3
January	February	230	27	257	1 611 356	2 682 879	58 449	382	17 180	4 370 246	-	8.2	2 614 294.92	7.0
March	April	215	34	249	1 480 013	2 442 589	48 678	371	13 966	3 985 617	-	10.2	2 390 339.06	8.8
May	June	167	40	207	987 697	2 063 062	17 119	2 090	5 079	3 075 047	-	9.3	1 856 651.26	8.1
July	August	-	-	-	-	-	-	-	-	-	-	7.2	0.00	6.3
September	October	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
November	December	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
January	February	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
Total Downbound		1 648	294	1 942	11 905 849	19 049 502	210 398	4 530	124 433	31 294 712	73.2	18 741 282.21	63.2	
TOTALS:		259	180	439	6 006 252	2 328 426	-	-	261 328	4 918 467	-	0.0	0.00	0.0
March	April	318	214	532	7 112 893	2 684 006	-	-	438 981	5 822 186	-	11.5	3 343 276.83	11.3
May	June	273	177	450	5 928 613	2 310 292	11 884	792	336 551	4 906 472	-	13.6	4 079 242.56	13.7
July	August	194	113	307	3 896 998	1 108 787	-	3 846	355 666	3 233 705	-	11.5	3 403 248.00	11.5
September	October	217	131	348	1 747 775	1 381 980	17 668	3 809	296 869	3 528 901	-	7.6	2 317 998.01	7.8
November	December	273	171	444	2 406 740	2 070 325	33 442	2 241	354 933	4 857 961	-	8.3	2 522 691.47	8.5
January	February	327	181	508	6 023 120	2 682 879	23 158	2 805	247 874	5 862 140	-	11.4	3 355 704.75	11.3
March	April	326	187	513	6 745 884	2 442 589	58 449	1 662	558 492	5 619 573	-	13.7	4 010 026.89	13.5
May	June	220	153	373	2 567 691	2 063 062	48 678	2 123	139 128	3 975 350	-	13.2	3 945 735.97	13.3
July	August	-	-	-	1 752 441	-	17 119	3 600	-	-	-	9.3	2 698 288.51	9.1
September	October	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
November	December	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
January	February	-	-	-	-	-	-	-	-	-	-	0.0	0.00	0.0
GRAND TOTAL		2 407	1 507	3 914	51 693 760	19 072 346	210 398	24 308	2 989 822	42 724 755	100.0	29 676 212.99	100.0	

TRAFFIC RESULTS 1959-1987

HISTORICAL TABLE 14W

YEAR	VESSEL TRANSITS			CARGO TONNES			GROSS REGISTERED TONS			TOLL REVENUE		
	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL	UPBOUND	DOWNBOUND	TOTAL
1959	4 078	3 994	8 072	8 766 100	16 214 644	24 980 744	16 431 297	16 253 019	32 684 316	\$539 551	\$681 885	\$1 221 436
1960	3 802	3 734	7 536	7 595 598	18 939 272	26 534 870	17 827 487	17 700 778	35 528 265	\$530 004	\$788 353	\$1 318 357
1961	3 895	3 852	7 747	6 955 950	21 579 366	28 535 316	20 526 749	20 197 329	40 724 078	\$571 108	\$889 343	\$1 460 451
1962	3 843	3 772	7 615	9 836 922	22 283 136	32 120 058	21 767 377	21 385 156	43 152 533	\$249 675	\$390 518	\$640 193
1963	3 828	3 769	7 597	11 931 721	25 538 163	37 469 884	24 204 537	23 843 127	48 047 664	-	-	-
1964	4 146	4 158	8 304	16 820 427	29 798 445	46 618 872	27 333 030	27 533 536	54 866 566	-	-	-
1965	4 183	4 201	8 384	18 097 086	30 364 883	48 461 969	28 790 195	28 710 105	57 500 300	-	-	-
1966	4 336	4 378	8 714	20 473 738	33 296 611	53 770 349	31 744 958	31 735 164	63 480 122	-	-	-
1967	3 697	3 740	7 437	20 324 823	27 583 069	47 907 892	27 454 783	27 576 227	55 031 010	\$430 135	\$483 140	\$913 275
1968	3 581	3 623	7 204	23 751 472	28 933 020	52 684 492	29 317 614	29 511 720	58 829 334	\$833 385	\$915 780	\$1 749 165
1969	3 426	3 437	6 863	17 580 136	30 983 580	48 563 716	28 840 358	28 798 943	57 639 301	\$1 142 840	\$1 351 235	\$2 494 075
1970	3 557	3 565	7 122	19 207 917	37 910 928	57 118 845	32 237 635	32 286 030	64 523 665	\$1 588 080	\$1 945 325	\$3 533 405
1971	3 425	3 453	6 878	19 591 631	37 613 842	57 205 473	33 249 105	33 087 271	66 336 376	\$1 956 332	\$2 375 270	\$4 331 602
1972	3 390	3 388	6 778	19 160 181	39 075 301	58 235 482	33 004 645	33 265 696	66 270 341	\$1 892 370	\$2 350 235	\$4 242 605
1973	3 411	3 404	6 815	21 513 431	39 444 559	60 957 990	25 554 751	25 538 549	51 093 300	\$1 901 285	\$2 331 170	\$4 232 455
1974	2 580	2 591	5 171	18 279 971	29 220 185	47 500 156	30 715 428	30 829 616	61 545 044	\$1 446 250	\$1 730 438	\$3 176 688
1975	3 010	3 031	6 041	17 137 576	37 156 545	54 294 121	31 001 484	30 982 724	61 984 208	\$1 726 550	\$2 112 850	\$3 839 408
1976	2 928	2 964	5 892	23 285 853	35 082 590	58 368 443	32 816 461	32 909 130	65 725 591	\$1 877 060	\$2 153 878	\$4 030 938
1977	3 080	3 082	6 162	27 366 888	37 710 559	65 077 447	37 128 590	36 870 848	73 999 438	\$6 903 371	\$11 387 936	\$18 291 307
1978	3 310	3 295	6 605	21 257 777	44 413 215	65 670 992	37 413 846	37 406 381	74 820 227	\$7 678 270	\$13 563 360	\$21 241 630
1979	3 267	3 265	6 532	20 286 150	45 878 396	66 164 546	37 615 582	37 629 374	75 244 956	\$6 259 535	\$17 350 353	\$23 609 888
1980	3 287	3 280	6 567	11 986 348	47 619 633	59 605 981	34 350 642	34 188 081	68 538 723	\$7 703 325	\$15 389 304	\$23 092 629
1981	2 979	2 963	5 942	16 601 880	42 248 995	58 850 875	31 824 878	31 728 971	63 538 849	\$7 043 197	\$17 486 035	\$24 529 232
1982	2 578	2 577	5 155	8 824 472	40 199 632	49 024 104	30 442 985	30 112 815	60 555 800	\$10 060 475	\$18 084 140	\$28 144 615
1983	2 356	2 351	4 707	12 305 327	37 839 759	50 145 086	31 561 360	31 673 380	63 234 740	\$10 951 474	\$18 879 025	\$29 830 499
1984	2 369	2 381	4 750	14 079 793	39 837 065	53 916 858	25 154 052	25 156 487	50 310 539	\$8 521 922	\$14 746 841	\$23 268 763
1985	1 908	1 918	3 826	10 887 501	30 964 259	41 851 760	26 292 247	26 191 305	52 483 552	\$9 718 205	\$17 414 086	\$27 132 291
1986	1 989	1 970	3 959	10 224 030	31 388 740	41 612 770	25 866 562	25 827 198	51 693 760	\$10 934 931	\$18 741 282	\$29 676 213
1987	1 972	1 942	3 914	11 430 043	31 294 712	42 724 755	841 916 304	840 339 123	1 682 255 427	\$104 066 498	\$185 604 640	\$289 671 138
TOTAL	94 211	94 078	188 289	465 560 742	970 413 104	1 435 973 846	841 916 304	840 339 123	1 682 255 427	\$104 066 498	\$185 604 640	\$289 671 138

CARGO BY TARIFF CLASSIFICATION

HISTORICAL TABLE 15W

WELLAND CANAL SECTION

YEAR	BULK		GRAINS		GOVT AID		CONTAINERS		GENERAL		TOTAL	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	23 308 292	93.3	-	0.0	-	0.0	-	0.0	1 672 452	6.7	24 980 744	100.0
1960	24 818 852	93.5	-	0.0	-	0.0	-	0.0	1 716 018	6.5	26 534 870	100.0
1961	26 831 290	94.0	-	0.0	-	0.0	-	0.0	1 704 026	6.0	28 535 316	100.0
1962	30 232 066	94.1	-	0.0	-	0.0	-	0.0	1 887 992	5.9	32 120 058	100.0
1963	35 259 789	94.1	-	0.0	-	0.0	-	0.0	2 210 095	5.9	37 469 884	100.0
1964	43 816 326	94.0	-	0.0	-	0.0	-	0.0	2 802 546	6.0	46 618 872	100.0
1965	44 198 339	91.2	-	0.0	-	0.0	-	0.0	4 263 630	8.8	48 461 969	100.0
1966	49 457 587	92.0	-	0.0	-	0.0	-	0.0	4 312 762	8.0	53 770 349	100.0
1967	43 303 804	90.4	-	0.0	-	0.0	-	0.0	4 604 089	9.6	47 907 893	100.0
1968	46 169 258	87.6	-	0.0	-	0.0	-	0.0	6 515 234	12.4	52 684 492	100.0
1969	42 951 603	88.4	-	0.0	-	0.0	-	0.0	5 612 113	11.6	48 563 716	100.0
1970	51 806 382	90.7	-	0.0	-	0.0	-	0.0	5 312 464	9.3	57 118 846	100.0
1971	49 988 093	87.4	-	0.0	-	0.0	-	0.0	7 217 380	12.6	57 205 473	100.0
1972	52 047 776	89.4	-	0.0	-	0.0	-	0.0	6 187 705	10.6	58 235 481	100.0
1973	56 311 178	92.4	-	0.0	-	0.0	-	0.0	4 646 812	7.6	60 957 990	100.0
1974	43 940 811	92.5	-	0.0	-	0.0	-	0.0	3 559 345	7.5	47 500 156	100.0
1975	51 542 945	94.9	-	0.0	-	0.0	-	0.0	2 751 175	5.1	54 294 120	100.0
1976	54 924 368	94.1	-	0.0	-	0.0	-	0.0	3 444 075	5.9	58 368 443	100.0
1977	59 472 129	91.4	-	0.0	-	0.0	-	0.0	5 605 318	8.6	65 077 447	100.0
1978	32 538 514	49.5	28 915 882	44.0	128 945	0.2	198 747	0.3	3 888 904	5.9	65 670 992	100.0
1979	36 433 937	55.1	26 125 570	39.5	158 887	0.2	186 229	0.3	3 259 923	4.9	66 164 546	100.0
1980	29 597 504	49.7	28 144 695	47.2	168 103	0.3	139 942	0.2	1 555 737	2.6	59 605 981	100.0
1981	30 284 988	51.5	25 556 622	43.4	242 580	0.4	39 188	0.1	2 727 497	4.6	58 850 875	100.0
1982	21 490 570	43.8	25 179 641	51.4	290 707	0.6	53 826	0.1	2 009 360	4.1	49 024 104	100.0
1983	22 059 063	44.0	24 804 023	49.5	294 326	0.6	37 356	0.1	2 950 318	5.9	50 145 086	100.0
1984	24 972 587	46.3	24 441 099	45.4	229 730	0.4	111 011	0.2	4 162 431	7.7	53 916 858	100.0
1985	21 268 333	50.6	17 024 549	40.7	261 476	0.6	79 154	0.2	3 318 248	7.9	41 851 760	100.0
1986	21 182 530	50.9	17 015 294	40.9	227 432	0.5	22 966	0.1	3 164 548	7.6	41 612 770	100.0
1987	20 427 881	47.8	19 072 346	44.6	210 398	0.5	24 308	0.1	2 989 822	7.0	42 724 755	100.0
TOTAL	1 090 536 795	75.9	236 279 721	16.5	2 212 584	0.1	892 727	0.1	106 052 019	7.4	1 435 973 846	100.0

TOTAL TOLLS REVENUE

HISTORICAL TABLE 16W

WELLAND CANAL SECTION

YEAR	CARGO TARIFFS					GROSS REGISTERED TONNAGE	LOCKAGE FEES	OTHER	TOTAL
	BULK	GRAINS	GOVT AID	CONTAINERS	GENERAL				
	\$	\$	\$	\$	\$	\$	\$	\$	\$
1959	496 682	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	89 212	627 159	NOT APPLICABLE	8 383	1 221 436
1960	526 025	APPLICABLE	APPLICABLE	APPLICABLE	90 925	683 116	APPLICABLE	18 291	1 318 357
1961	567 548	-	-	-	90 111	781 044	-	21 748	1 460 451
1962*	-	-	-	-	-	-	-	640 193	640 193
1963	NOT APPLICABLE	-	-	-	NOT APPLICABLE	NOT APPLICABLE	-	NOT APPLICABLE	-
1964	APPLICABLE	-	-	-	APPLICABLE	APPLICABLE	-	APPLICABLE	-
1965	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	913 275	-	913 275
1969	-	-	-	-	-	-	1 749 165	-	1 749 165
1970	-	-	-	-	-	-	2 494 075	-	2 494 075
1971	-	-	-	-	-	-	3 533 405	-	3 533 405
1972	-	-	-	-	-	-	4 331 602	-	4 331 602
1973	-	-	-	-	-	-	4 242 605	-	4 242 605
1974	-	-	-	-	-	-	4 232 455	-	4 232 455
1975	-	-	-	-	-	-	3 176 688	-	3 176 688
1976	-	-	-	-	-	-	3 720 018	-	3 720 018
1977	-	-	-	-	-	-	3 789 408	-	3 789 408
1978	6 265 378	5 744 015	25 789	61 612	1 088 572	5 094 839	NOT APPLICABLE	11 102	18 291 307
1979	8 463 499	6 236 588	38 133	57 731	1 271 265	5 164 336	APPLICABLE	10 078	21 241 630
1980	8 855 902	8 680 252	52 112	43 382	777 792	5 389 574	-	10 874	23 609 888
1981	9 055 811	7 869 628	75 200	12 148	1 360 405	4 707 569	-	11 868	23 092 629
1982	6 600 145	7 761 044	90 119	16 686	1 004 663	4 398 370	-	14 280	24 529 232
1983	6 687 009	7 643 180	91 241	11 580	1 475 130	4 165 373	4 643 925	9 446	28 144 615
1984	7 549 564	7 524 600	71 216	34 413	2 081 184	4 356 780	8 061 656	12 054	29 830 499
1985	6 345 608	5 237 942	81 057	24 538	1 659 124	3 449 541	8 200 688	11 734	23 268 763
1986	7 352 177	6 059 164	81 876	8 268	1 835 438	4 116 802	7 662 160	16 406	27 132 291
1987	7 682 740	7 361 180	82 055	9 480	1 883 577	4 543 936	8 091 383	21 862	29 676 213
TOTAL	76 448 088	70 117 593	688 798	279 838	14 707 398	47 278 439	79 332 665	818 319	289 671 138

* TOLLS SUSPENDED 7/62. INDIVIDUAL BREAKOUT NOT AVAILABLE FOR THAT PERIOD.

VESSEL TRANSITS

HISTORICAL TABLE 17W

YEAR	UP BOUND				DOWN BOUND				TOTAL						
	CARGO TONNES	TRANSITS			CARGO TONNES	TRANSITS			CARGO TONNES	TRANSITS					
		LOADED	BALLAST	TOTAL		LOADED	BALLAST	TOTAL		LOADED	BALLAST	TOTAL			
1959	8 766	100	2 171	1 907	4 078	16 214	644	3 315	679	3 994	24 980	744	5 486	2 586	8 072
1960	7 595	598	1 960	1 842	3 802	18 939	272	3 247	487	3 734	26 534	870	5 207	2 329	7 536
1961	6 955	950	1 842	2 053	3 895	21 579	366	3 364	488	3 852	28 535	316	5 206	2 541	7 747
1962	9 836	922	2 037	1 806	3 843	22 283	136	3 214	558	3 772	32 120	058	5 251	2 364	7 615
1963	11 931	721	2 069	1 759	3 828	25 538	163	3 199	570	3 769	37 469	884	5 268	2 329	7 597
1964	16 820	427	2 441	1 705	4 146	29 798	445	3 629	529	4 158	46 618	872	6 070	2 234	8 304
1965	18 097	086	2 572	1 611	4 183	30 364	883	3 566	635	4 201	48 461	969	6 138	2 246	8 384
1966	20 473	738	2 689	1 647	4 336	33 296	611	3 698	680	4 378	53 770	349	6 387	2 327	8 714
1967	20 324	823	2 488	1 209	3 697	27 583	070	2 985	755	3 740	47 907	893	5 473	1 964	7 437
1968	23 751	472	2 554	1 027	3 581	28 933	020	2 785	838	3 623	52 684	492	5 339	1 865	7 204
1969	17 580	136	2 102	1 324	3 426	30 983	580	2 835	602	3 437	48 563	716	4 937	1 926	6 863
1970	19 207	917	2 070	1 487	3 557	37 910	928	3 072	493	3 565	57 118	845	5 142	1 980	7 122
1971	19 591	631	2 054	1 371	3 425	37 613	842	2 973	480	3 453	57 205	473	5 027	1 851	6 878
1972	19 160	181	1 968	1 422	3 390	39 075	301	2 923	465	3 388	58 235	482	4 891	1 887	6 778
1973	21 513	431	1 962	1 449	3 411	39 444	559	2 856	548	3 404	60 957	990	4 818	1 997	6 815
1974	18 279	971	1 520	1 060	2 580	29 220	185	2 079	512	2 591	47 500	156	3 599	1 572	5 171
1975	17 137	575	1 446	1 564	3 010	37 156	545	2 599	432	3 031	54 294	120	4 045	1 996	6 041
1976	23 285	853	1 736	1 192	2 928	35 082	590	2 513	451	2 964	58 368	443	4 249	1 643	5 892
1977	27 366	888	2 026	1 054	3 080	37 710	559	2 614	468	3 082	65 077	447	4 640	1 522	6 162
1978	21 257	777	1 667	1 643	3 310	44 413	215	2 927	368	3 295	65 670	992	4 594	2 011	6 605
1979	20 286	150	1 487	1 780	3 267	45 878	396	2 915	350	3 265	66 164	546	4 402	2 130	6 532
1980	11 986	348	917	2 370	3 287	47 619	633	2 992	288	3 280	59 605	981	3 909	2 658	6 567
1981	16 601	880	1 172	1 807	2 979	42 248	995	2 623	340	2 963	58 850	875	3 795	2 147	5 942
1982	8 824	472	641	1 937	2 578	40 199	632	2 320	257	2 577	49 024	104	2 961	2 194	5 155
1983	12 305	327	789	1 567	2 356	37 839	759	2 115	236	2 351	50 145	086	2 904	1 803	4 707
1984	14 079	793	896	1 473	2 369	39 837	065	2 161	220	2 381	53 916	858	3 057	1 693	4 750
1985	10 887	501	713	1 195	1 908	30 964	259	1 702	216	1 918	41 851	760	2 415	1 411	3 826
1986	10 224	030	723	1 266	1 989	31 388	740	1 724	246	1 970	41 612	770	2 447	1 512	3 959
1987	11 430	043	759	1 213	1 972	31 294	712	1 648	294	1 942	42 724	755	2 407	1 507	3 914
TOTAL	465 560	741	49 471	44 740	94 211	970 413	105	80 593	13 485	94 078	1 435 973	846	130 064	58 225	188 289

VESSEL ANALYSIS

HISTORICAL TABLE 18W

WELLAND CANAL SECTION

YEAR	UP BOUND				DOWN BOUND				TOTAL	
	PERCENT OF TOTAL		PERCENT LOADED	TONNES / LOADED TRANSIT	PERCENT OF TOTAL		PERCENT LOADED	TONNES / LOADED TRANSIT	PERCENT LOADED	TONNES / LOADED TRANSIT
	TONNES	TRANSITS			TONNES	TRANSITS				
1959	35.1%	50.5%	55.2%	4 038	64.9%	49.5%	83.0%	4 891	68.0%	4 554
1960	28.6%	50.5%	51.6%	3 875	71.4%	49.5%	87.0%	5 833	69.1%	5 096
1961	24.4%	50.3%	47.3%	3 776	75.6%	49.7%	87.3%	6 415	67.2%	5 481
1962	30.6%	50.5%	53.0%	4 829	69.4%	49.5%	85.2%	6 933	69.0%	6 117
1963	31.8%	50.4%	54.0%	5 767	68.2%	49.6%	84.9%	7 983	69.3%	7 113
1964	36.1%	49.9%	58.9%	6 891	63.9%	50.1%	87.3%	8 211	73.1%	7 680
1965	37.3%	49.9%	61.5%	7 036	62.7%	50.1%	84.9%	8 515	73.2%	7 895
1966	38.1%	49.8%	62.0%	7 614	61.9%	50.2%	84.5%	9 004	73.3%	8 419
1967	42.4%	49.7%	67.3%	8 169	57.6%	50.3%	79.8%	9 241	73.6%	8 753
1968	45.1%	49.7%	71.3%	9 300	54.9%	50.3%	76.9%	10 389	74.1%	9 868
1969	36.2%	49.9%	61.4%	8 364	63.8%	50.1%	82.5%	10 929	71.9%	9 837
1970	33.6%	49.9%	58.2%	9 279	66.4%	50.1%	86.2%	12 341	72.2%	11 108
1971	34.2%	49.8%	60.0%	9 538	65.8%	50.2%	86.1%	12 652	73.1%	11 380
1972	32.9%	50.0%	58.1%	9 736	67.1%	50.0%	86.3%	13 368	72.2%	11 907
1973	35.3%	50.1%	57.5%	10 965	64.7%	49.9%	83.9%	13 811	70.7%	12 652
1974	38.5%	49.9%	58.9%	12 026	61.5%	50.1%	80.2%	14 055	69.6%	13 198
1975	31.6%	49.8%	48.0%	11 852	68.4%	50.2%	85.7%	14 296	67.0%	13 423
1976	39.9%	49.7%	59.3%	13 414	60.1%	50.3%	84.8%	13 960	72.1%	13 737
1977	42.1%	50.0%	65.8%	13 508	57.9%	50.0%	84.8%	14 426	75.3%	14 025
1978	32.4%	50.1%	50.4%	12 752	67.6%	49.9%	88.8%	15 174	69.6%	14 295
1979	30.7%	50.0%	45.5%	13 642	69.3%	50.0%	89.3%	15 739	67.4%	15 031
1980	20.1%	50.1%	27.9%	13 071	79.9%	49.9%	91.2%	15 916	59.5%	15 248
1981	28.2%	50.1%	39.3%	14 165	71.8%	49.9%	88.5%	16 107	63.9%	15 507
1982	18.0%	50.0%	24.9%	13 767	82.0%	50.0%	90.0%	17 327	57.4%	16 557
1983	24.5%	50.1%	33.5%	15 596	75.5%	49.9%	90.0%	17 891	61.7%	17 268
1984	26.1%	49.9%	37.8%	15 714	73.9%	50.1%	90.8%	18 434	64.4%	17 637
1985	26.0%	49.9%	37.4%	15 270	74.0%	50.1%	88.7%	18 192	63.1%	17 330
1986	24.6%	50.2%	36.3%	14 141	75.4%	49.8%	87.5%	18 207	61.8%	17 006
1987	26.8%	50.4%	38.5%	15 059	73.2%	49.6%	84.9%	18 990	61.5%	17 750
TOTAL	32.4%	50.0%	52.5%	9 411	67.6%	50.0%	85.7%	12 041	69.1%	11 041

CARGO BY TRANSIT AND VESSEL

HISTORICAL TABLE 19W

YEAR	TYPE OF TRANSIT			CLASS OF VESSEL			TYPE OF VESSEL			WELLAND CANAL SECTION		
	OVERSEAS			COASTAL			OCEAN			CARGO		
	INLAND			LAKER			TANKER			TUG AND BARGE		
	TONNES	%		TONNES	%		TONNES	%		TONNES	%	
1959	4 716 431	18.9	81.1	20 264 314	18.9	4 716 431	20 264 314	81.1	22 784 700	91.2	1 614 268	581 776
1960	5 711 334	21.5	78.5	20 823 537	21.5	5 711 334	20 823 537	78.5	24 101 979	90.8	1 807 582	625 310
1961	5 633 130	19.7	80.3	22 902 186	19.7	5 633 130	22 902 186	80.3	26 120 118	91.5	1 899 307	515 891
1962	6 809 791	21.2	78.8	25 310 267	21.2	6 809 791	25 310 267	78.8	30 102 465	93.7	1 489 980	527 613
1963	5 893 984	15.7	84.3	31 575 900	15.7	5 893 984	31 575 900	84.3	35 497 909	94.7	1 510 280	461 695
1964	7 869 220	16.9	83.1	38 749 651	16.9	7 869 220	38 749 651	83.1	44 263 061	94.9	1 848 564	507 247
1965	10 430 874	21.5	78.5	38 031 095	21.5	10 430 874	38 031 095	78.5	45 877 665	94.7	2 113 993	470 311
1966	11 106 387	20.7	79.3	42 663 961	20.7	11 106 387	42 663 961	79.3	51 251 837	95.3	2 042 769	475 742
1967	10 206 709	21.3	76.7	36 722 365	21.3	10 206 709	36 722 365	76.7	45 604 389	95.2	1 834 558	468 946
1968	12 145 073	23.1	75.4	39 704 460	23.1	12 145 073	39 704 460	75.4	50 266 461	95.4	1 975 163	442 868
1969	11 424 450	23.5	74.7	36 289 594	23.5	11 424 450	36 289 594	74.7	46 043 263	94.8	2 084 769	435 684
1970	11 215 807	19.6	79.3	45 297 681	19.6	11 215 807	45 297 681	79.3	54 661 010	95.7	2 095 329	362 506
1971	16 071 100	28.1	71.0	40 587 364	28.1	16 071 100	40 587 364	71.0	55 016 617	96.2	1 919 788	269 067
1972	16 265 373	27.9	71.3	41 519 999	27.9	16 265 373	41 519 999	71.3	55 839 377	95.9	2 129 298	266 807
1973	14 821 168	24.3	74.8	45 596 613	24.3	14 821 168	45 596 613	74.8	57 845 484	94.9	2 586 232	526 273
1974	9 579 364	20.2	79.0	37 504 781	20.2	9 579 364	37 504 781	79.0	45 260 448	95.3	2 023 841	215 867
1975	10 195 339	18.8	80.4	43 626 157	18.8	10 195 339	43 626 157	80.4	52 331 076	96.4	1 715 279	247 766
1976	11 900 185	20.4	79.0	46 104 184	20.4	11 900 185	46 104 184	79.0	56 689 147	97.1	1 590 546	88 750
1977	16 453 343	25.3	73.7	47 941 573	25.3	16 453 343	47 941 573	73.7	63 155 547	97.0	1 749 201	172 699
1978	19 767 779	30.1	68.7	45 111 141	30.1	19 767 779	45 111 141	68.7	63 569 887	96.8	1 947 963	153 142
1979	17 195 572	26.0	73.1	48 352 869	26.0	17 195 572	48 352 869	73.1	63 262 111	95.6	2 669 488	232 947
1980	11 907 352	20.0	79.2	47 087 307	20.0	11 907 352	47 087 307	79.2	56 555 170	94.9	2 457 562	593 249
1981	11 824 326	20.1	76.2	46 588 822	20.1	11 824 326	46 588 822	76.2	55 630 318	94.5	2 638 941	581 616
1982	10 813 216	22.1	74.3	37 589 468	22.1	10 813 216	37 589 468	74.3	46 559 832	95.0	2 173 056	291 216
1983	11 465 368	22.9	76.2	38 187 526	22.9	11 465 368	38 187 526	76.2	48 149 049	96.0	2 190 839	25 198
1984	13 472 531	25.0	74.3	40 049 965	25.0	13 472 531	40 049 965	74.3	52 216 687	96.8	1 594 761	105 410
1985	10 734 244	25.6	72.6	30 365 838	25.6	10 734 244	30 365 838	72.6	40 119 552	95.9	1 585 436	146 772
1986	11 317 039	27.2	71.1	29 572 588	27.2	11 317 039	29 572 588	71.1	39 733 850	95.5	1 838 199	40 721
1987	10 734 325	25.1	73.2	31 288 601	25.1	10 734 325	31 288 601	73.2	41 089 218	96.2	1 519 798	115 739
TOTAL	327 700 814	22.8	76.3	1 095 409 805	22.8	327 700 814	1 095 409 805	76.3	1 369 598 228	95.4	56 426 791	9 948 827
												0.7

TRAFFIC BY VESSEL LENGTH

HISTORICAL TABLE 20W

YEAR	TRANSITS										CARGO TONNES										WELLAND CANAL SECTION	
	0- 62m	63- 93m	94- 124m	125- 155m	156- 186m	187- 217m	OVER 217m	TOTAL	0- 62m	63- 93m	94- 124m	125- 155m	156- 186m	187- 217m	OVER 217m	TOTAL						
1959	711	3 682	934	1 406	649	577	113	8 072	51 990	6 172 913	2 306 180	4 790 578	4 015 972	6 259 579	1 383 533	24 980 744						
1960	345	3 019	1 121	1 382	867	612	190	7 536	49 501	4 645 364	2 630 191	5 024 448	5 363 955	6 184 772	2 636 641	26 534 872						
1961	288	2 576	1 143	1 839	956	579	366	7 747	46 601	3 983 566	2 751 914	6 185 352	5 165 355	5 589 105	4 813 423	28 535 316						
1962	358	2 107	1 141	1 930	934	701	444	7 615	57 458	3 401 237	2 733 131	6 803 130	5 414 798	6 948 959	6 761 346	32 120 058						
1963	560	1 649	1 078	1 846	973	770	721	7 597	208 680	2 829 563	2 500 026	6 563 239	5 840 911	8 774 186	10 753 279	37 469 884						
1964	407	1 581	1 143	2 040	1 440	996	697	8 304	45 406	2 788 139	2 552 284	7 433 674	9 281 665	11 590 219	12 727 486	46 618 872						
1965	471	1 402	1 279	1 928	1 592	903	809	8 384	46 246	2 580 863	3 088 751	7 450 401	10 946 149	10 551 642	13 797 917	48 461 969						
1966	461	1 254	1 335	1 895	1 821	992	956	8 714	42 669	2 394 304	3 101 446	7 069 439	12 797 091	11 438 314	16 927 084	53 770 349						
1967	383	1 016	1 266	1 417	1 384	836	1 135	7 437	77 344	1 902 997	2 891 977	5 232 742	9 886 840	9 477 554	18 438 439	47 907 892						
1968	366	967	945	1 293	1 379	886	1 368	7 204	43 274	1 777 662	2 497 377	5 063 966	11 192 457	10 138 507	21 971 250	52 684 492						
1969	382	919	964	1 256	1 207	618	1 517	6 863	48 482	1 513 154	2 512 046	4 520 705	9 577 066	7 108 759	23 283 503	48 563 716						
1970	297	807	984	1 197	1 322	774	1 741	7 122	24 409	1 451 450	2 628 450	4 447 406	10 849 694	9 497 798	28 219 638	57 118 845						
1971	279	533	934	1 205	1 514	872	1 541	6 878	25 547	909 389	2 533 881	5 326 786	12 668 931	10 137 427	25 603 510	57 205 472						
1972	245	543	824	1 084	1 588	907	1 587	6 778	22 502	895 819	2 415 212	4 790 889	13 595 716	10 505 001	26 010 343	58 235 482						
1973	293	521	957	9 9	1 417	1 000	1 639	6 815	16 284	867 270	3 058 219	4 897 568	12 053 480	12 120 458	27 944 709	60 957 989						
1974	286	325	657	642	1 022	886	1 353	5 171	32 455	517 717	1 908 773	2 852 505	8 860 628	10 913 334	22 414 744	47 500 156						
1975	344	323	669	776	1 251	989	1 689	6 041	34 105	430 060	1 879 308	3 008 164	9 891 618	11 731 162	27 319 704	54 294 121						
1976	283	181	677	657	1 299	1 143	1 652	5 892	8 309	236 753	1 939 812	2 517 601	11 416 581	13 953 803	28 295 584	58 368 443						
1977	255	315	722	662	1 692	1 032	1 484	6 162	25 287	430 172	2 234 580	2 908 353	18 001 653	14 408 867	27 068 534	65 077 447						
1978	213	358	678	814	1 874	990	1 678	6 605	2 454	431 520	2 222 638	4 119 710	18 195 445	12 618 924	28 080 301	65 670 992						
1979	210	298	661	899	1 630	939	1 895	6 532	3 873	355 653	2 213 605	4 369 083	15 736 352	12 555 401	30 930 579	66 164 546						
1980	225	372	575	830	1 627	876	2 062	6 567	2 457	466 627	1 976 550	3 981 466	12 640 688	8 964 849	31 573 344	59 605 981						
1981	235	288	516	733	1 384	886	1 900	5 942	2 060	336 502	1 786 390	3 872 378	11 759 575	10 273 600	30 820 370	58 850 875						
1982	209	157	407	611	1 159	689	1 923	5 155	7 625	142 270	1 307 702	3 108 047	8 720 523	7 443 240	28 294 697	49 024 104						
1983	155	102	445	485	962	555	2 003	4 707	1 956	103 255	1 548 961	2 660 463	8 245 090	6 528 174	31 057 187	50 145 086						
1984	182	66	417	464	907	516	2 198	4 750	1 515	98 655	1 522 345	2 806 669	9 225 301	6 097 806	34 164 567	53 916 858						
1985	192	49	365	384	698	425	1 713	3 826	2 450	53 927	1 398 000	1 969 805	7 088 275	4 736 334	26 602 969	41 851 760						
1986	235	46	321	467	702	465	1 723	3 959	1 320	29 463	1 154 762	2 245 600	7 093 207	5 290 721	25 797 697	41 612 770						
1987	271	45	348	412	604	443	1 791	3 914	3 790	60 077	1 211 387	2 098 890	6 338 718	5 017 749	27 994 144	42 724 755						
TOTAL	9 141	25 501	23 506	31 542	35 854	22 857	39 888	188 289	936 048	41 806 339	64 705 898	128 119 058	291 863 735	266 856 245	641 686 523	1 435 973 846						

COMMODITY GROUPS

HISTORICAL TABLE 21W

YEAR	AGRICULTURAL PRODUCTS		ANIMAL PRODUCTS		MINE PRODUCTS		FOREST PRODUCTS		MANUFACTURES & MISCELLANEOUS		PACKAGE FREIGHT		TOTAL	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	7 999 437	32.0	168 704	0.7	12 140 924	48.6	321 328	1.3	4 008 826	16.0	341 526	1.4	24 980 745	100.0
1960	8 810 089	33.2	183 133	0.7	12 733 150	48.0	262 127	1.0	4 158 376	15.7	387 995	1.5	26 534 870	100.0
1961	11 004 608	38.6	229 561	0.8	11 535 291	40.4	239 571	0.8	5 105 856	17.9	420 429	1.5	28 535 316	100.0
1962	11 384 590	35.4	249 247	0.8	15 564 673	48.5	255 519	0.8	4 215 876	13.1	449 853	1.4	32 120 058	100.0
1963	13 737 812	36.7	335 632	0.9	18 108 572	48.3	276 410	0.7	4 659 214	12.4	352 243	0.9	37 469 883	100.0
1964	16 709 297	35.8	450 188	1.0	23 326 827	50.0	290 692	0.6	5 402 094	11.6	439 774	0.9	46 618 872	100.0
1965	16 762 027	34.6	347 339	0.7	23 636 219	48.8	213 050	0.4	7 063 160	14.6	440 173	0.9	48 461 968	100.0
1966	19 366 507	36.0	311 114	0.6	26 105 912	48.6	280 526	0.5	7 315 402	13.6	390 887	0.7	53 770 348	100.0
1967	13 633 467	28.5	320 144	0.7	25 922 502	54.1	279 526	0.6	7 495 611	15.6	256 643	0.5	47 907 893	100.0
1968	13 140 856	24.9	295 267	0.6	28 995 223	55.0	271 765	0.5	9 591 986	18.2	389 395	0.7	52 684 492	100.0
1969	12 516 925	25.8	284 132	0.6	25 369 456	52.2	219 620	0.5	9 767 893	20.1	405 690	0.8	48 563 716	100.0
1970	19 203 435	33.6	312 474	0.5	27 682 564	48.5	177 662	0.3	9 361 000	16.4	381 710	0.7	57 118 845	100.0
1971	21 611 142	37.8	361 486	0.6	24 355 750	42.6	226 271	0.4	10 230 138	17.9	420 686	0.7	57 205 473	100.0
1972	22 221 385	38.2	272 649	0.5	25 370 316	43.6	198 742	0.3	9 938 311	17.1	234 078	0.4	58 235 481	100.0
1973	23 154 377	38.0	249 655	0.4	27 498 737	45.1	122 915	0.2	9 743 800	16.0	188 506	0.3	60 957 990	100.0
1974	15 946 079	33.6	215 025	0.5	24 397 462	51.4	62 906	0.1	6 701 537	14.1	177 148	0.4	47 500 157	100.0
1975	20 782 433	38.3	124 822	0.2	26 903 227	49.6	68 273	0.1	6 135 683	11.3	279 683	0.5	54 294 121	100.0
1976	19 660 018	33.7	220 771	0.4	31 660 584	54.2	28 296	0.0	6 542 331	11.2	256 444	0.4	58 368 444	100.0
1977	22 962 230	35.3	203 229	0.3	32 560 082	50.0	47 444	0.1	9 069 285	13.9	235 177	0.4	65 077 447	100.0
1978	29 012 903	44.2	151 980	0.2	27 548 104	41.9	71 844	0.1	8 633 793	13.1	252 368	0.4	65 670 992	100.0
1979	26 280 395	39.7	129 700	0.2	29 895 591	45.2	66 073	0.1	9 542 655	14.4	250 132	0.4	66 164 546	100.0
1980	28 256 940	47.4	153 243	0.3	24 017 599	40.3	35 636	0.1	6 875 433	11.5	267 130	0.4	59 605 981	100.0
1981	25 746 229	43.7	152 928	0.3	25 358 357	43.1	29 424	0.0	7 331 337	12.5	232 600	0.4	58 850 875	100.0
1982	25 403 722	51.8	98 017	0.2	17 354 606	35.4	19 708	0.0	6 148 051	12.5	-	0.0	49 024 104	100.0
1983	24 969 488	49.8	60 119	0.1	18 094 828	36.1	15 555	0.0	7 005 096	14.0	-	0.0	50 145 086	100.0
1984	24 566 628	45.6	48 805	0.1	21 170 213	39.2	63 079	0.1	8 068 133	15.0	-	0.0	53 916 858	100.0
1985	17 135 063	40.9	52 827	0.1	17 125 276	40.9	31 751	0.1	7 506 843	17.9	-	0.0	41 851 760	100.0
1986	17 117 350	41.1	32 222	0.1	16 767 409	40.3	2 114	0.0	7 693 675	18.5	-	0.0	41 612 770	100.0
1987	19 167 314	44.9	19 899	0.1	16 508 988	38.6	3 785	0.0	7 024 769	16.4	-	0.0	42 724 755	100.0
TOTAL	548 262 746	38.2	6 034 312	0.4	657 708 442	45.8	4 181 912	0.3	212 336 164	14.8	7 450 270	0.5	1 435 973 846	100.0

SELECTED U.S. GRAINS

HISTORICAL TABLE 22W

YEAR	WHEAT		CORN		RYE		OATS		BARLEY		SOYBEANS		FLAXSEED		SUNFLOWER SEEDS		TOTAL GRAINS	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	500 995	2.0	1 005 475	4.0	24 709	0.1	414 367	1.7	545 342	2.2	476 250	1.9	176 174	0.7	-	0.0	3 143 312	12.6
1960	708 730	2.7	1 179 312	4.4	77 113	0.3	292 636	1.1	527 659	2.0	831 555	3.1	80 546	0.3	-	0.0	3 697 551	13.9
1961	1 212 859	4.3	1 639 656	5.7	63 469	0.2	93 306	0.3	268 652	0.9	684 336	2.4	77 919	0.3	-	0.0	4 040 197	14.2
1962	835 930	2.6	2 256 378	7.0	247 325	0.8	390 948	1.2	653 913	2.0	984 089	3.1	100 008	0.3	-	0.0	5 468 591	17.0
1963	1 295 850	3.5	2 628 622	7.0	211 086	0.6	86 811	0.2	552 361	1.5	926 918	2.5	85 171	0.2	-	0.0	5 786 820	15.4
1964	812 976	1.7	3 094 063	6.6	71 024	0.2	54 866	0.1	707 295	1.5	1 288 672	2.8	144 532	0.3	-	0.0	6 173 428	13.2
1965	1 111 562	2.3	3 490 078	7.2	34 533	0.1	314 753	0.6	679 480	1.4	1 525 303	3.1	73 143	0.2	-	0.0	7 228 852	14.9
1966	1 614 980	3.0	3 279 749	6.1	93 926	0.2	369 598	0.7	540 456	1.0	1 451 408	2.7	143 134	0.3	-	0.0	7 493 252	13.9
1967	1 150 460	2.4	2 078 406	4.3	45 839	0.1	100 435	0.2	341 078	0.7	1 182 820	2.5	146 391	0.3	-	0.0	5 045 429	10.5
1968	1 536 422	2.9	3 046 469	5.8	39 251	0.1	37 112	0.1	146 427	0.3	1 474 138	2.8	199 074	0.4	-	0.0	6 478 892	12.3
1969	1 238 480	2.6	3 212 055	6.6	24 275	0.0	2 185	0.0	89 807	0.2	1 803 746	3.7	181 402	0.4	-	0.0	6 551 951	13.5
1970	1 556 008	2.7	2 624 246	4.6	864	0.0	203 140	0.4	1 071 347	1.9	2 636 995	4.6	58 710	0.1	-	0.0	8 151 310	14.3
1971	1 435 627	2.5	3 022 373	5.3	124 290	0.2	36 782	0.1	451 185	0.8	2 937 056	5.1	26 088	0.0	-	0.0	8 033 400	14.0
1972	2 219 093	3.8	3 370 984	5.8	3 907	0.0	93 396	0.2	916 693	1.6	1 733 016	3.0	259 647	0.4	-	0.0	8 596 735	14.8
1973	3 500 574	5.7	3 737 030	6.1	593 084	1.0	629 029	1.0	1 230 132	2.0	1 732 944	2.8	5 498	0.0	-	0.0	11 428 293	18.7
1974	1 654 258	3.5	2 702 182	5.7	242 167	0.5	335 765	0.7	342 131	0.7	1 260 124	2.7	100	0.0	-	0.0	6 536 727	13.8
1975	3 576 444	6.6	2 817 664	5.2	3 627	0.0	131 648	0.2	180 361	0.3	1 519 891	2.8	16 803	0.0	-	0.0	8 246 438	15.2
1976	1 588 121	2.7	3 937 714	6.7	3 289	0.0	126 465	0.2	632 981	1.1	1 449 554	2.5	5 742	0.0	-	0.0	7 743 867	13.3
1977	2 969 880	4.6	3 609 062	5.5	-	0.0	125 110	0.2	959 744	1.5	1 688 269	2.6	25 456	0.0	-	0.0	9 377 461	14.4
1978	5 537 514	8.4	5 991 648	9.1	-	0.0	126 331	0.2	287 112	0.4	2 523 762	3.8	11 965	0.0	-	0.0	14 478 332	22.0
1979	4 086 898	6.2	7 267 294	11.0	60 066	0.1	3 698	0.0	316 286	0.5	1 673 725	2.5	-	0.0	-	0.0	13 407 967	20.3
1980	3 645 127	6.1	5 908 633	9.9	137 520	0.2	36 590	0.1	737 423	1.2	1 589 578	2.7	2 215	0.0	1 205 564	2.0	13 262 650	22.3
1981	3 556 271	6.0	3 875 071	6.6	47 253	0.1	27 711	0.0	852 372	1.4	1 749 653	3.0	13 227	0.0	1 301 072	2.2	11 422 630	19.4
1982	2 856 250	5.8	3 049 131	6.2	9 670	0.0	7 057	0.0	371 819	0.8	1 255 533	2.6	14 291	0.0	1 140 147	2.3	8 703 898	17.8
1983	2 824 695	5.6	2 172 662	4.3	23 370	0.0	950	0.0	861 061	1.7	420 768	0.8	1 025	0.0	643 709	1.3	6 948 240	13.9
1984	3 145 207	5.8	2 387 026	4.4	8 401	0.0	3 052	0.0	631 537	1.2	1 016 969	1.9	5 180	0.0	755 960	1.4	7 953 332	14.8
1985	1 958 906	4.7	2 070 840	4.9	-	0.0	-	0.0	170 277	0.4	747 406	1.8	-	0.0	378 552	0.9	5 325 981	12.7
1986	2 371 464	5.7	737 885	1.8	5 500	0.0	-	0.0	332 051	0.8	1 116 132	2.7	31 504	0.1	193 957	0.5	4 788 493	11.5
1987	1 715 846	4.0	1 799 109	4.2	5 207	0.0	14 251	0.0	464 631	1.1	1 125 750	2.6	-	0.0	131 637	0.3	5 256 431	12.3
TOTAL	62 217 426	4.3	87 990 817	6.1	2 200 766	0.2	4 057 992	0.3	15 861 613	1.1	40 806 302	2.8	1 884 946	0.1	5 750 598	0.4	220 770 460	15.4

SELECTED CANADIAN GRAINS

HISTORICAL TABLE 23W

YEAR	WHEAT		CORN		RYE		OATS		BARLEY		SOYBEANS		FLAXSEED		SUNFLOWER SEEDS		TOTAL GRAINS	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	3 052 481	12.2	24 563	0.1	3 369	0.0	327 687	1.3	698 005	2.8	67 233	0.3	154 222	0.6	-	0.0	4 327 560	17.3
1960	3 364 993	12.7	32 078	0.1	10 147	0.0	214 487	0.8	763 708	2.9	62 913	0.2	217 404	0.8	-	0.0	4 665 730	17.6
1961	5 335 203	18.7	12 888	0.0	74 403	0.3	219 199	0.8	546 700	1.9	73 346	0.3	197 088	0.7	-	0.0	6 458 827	22.6
1962	3 975 018	12.4	25 399	0.1	115 164	0.4	259 643	0.8	519 692	1.6	47 624	0.1	202 588	0.6	-	0.0	5 145 128	16.0
1963	5 731 909	15.3	12 422	0.0	74 112	0.2	458 664	1.2	678 925	1.8	27 505	0.1	183 045	0.5	-	0.0	7 166 582	19.1
1964	8 084 560	17.3	18 354	0.0	68 230	0.1	376 868	0.8	624 041	1.3	16 645	0.0	241 945	0.5	-	0.0	9 430 644	20.2
1965	6 846 553	14.1	33 350	0.1	43 187	0.1	536 100	1.1	708 379	1.5	56 468	0.1	271 343	0.6	-	0.0	8 495 378	17.5
1966	9 003 989	16.7	19 927	0.0	124 845	0.2	358 176	0.7	792 061	1.5	44 186	0.1	343 131	0.6	-	0.0	10 686 316	19.9
1967	5 489 008	11.5	2 834	0.0	93 722	0.2	352 118	0.7	1 097 249	2.3	70 983	0.1	245 114	0.5	-	0.0	7 351 028	15.3
1968	4 667 740	8.9	50 955	0.1	54 643	0.1	234 842	0.4	499 431	0.9	52 953	0.1	121 357	0.2	-	0.0	5 681 921	10.8
1969	3 618 458	7.5	56 530	0.1	41 762	0.1	242 160	0.5	783 804	1.6	47 266	0.1	214 087	0.4	-	0.0	5 004 067	10.3
1970	6 338 182	11.1	133 504	0.2	48 944	0.1	325 644	0.6	2 763 256	4.8	47 301	0.1	308 495	0.5	-	0.0	9 965 327	17.4
1971	7 442 294	13.0	182 777	0.3	109 676	0.2	339 427	0.6	3 332 398	5.8	54 183	0.1	418 193	0.7	-	0.0	11 878 947	20.8
1972	7 787 568	13.4	105 636	0.2	94 687	0.2	320 082	0.5	3 156 128	5.4	49 490	0.1	344 229	0.6	-	0.0	11 857 821	20.4
1973	7 287 969	12.0	58 277	0.1	69 464	0.1	225 559	0.4	2 083 703	3.4	51 924	0.1	280 167	0.5	-	0.0	10 057 062	16.5
1974	6 731 579	14.2	31 439	0.1	48 841	0.1	119 777	0.3	1 359 424	2.9	31 456	0.1	201 341	0.4	-	0.0	8 523 857	17.9
1975	8 296 470	15.3	307 147	0.6	227 374	0.4	318 006	0.6	2 165 025	4.0	38 489	0.1	121 662	0.2	-	0.0	11 474 174	21.1
1976	7 098 406	12.2	347 485	0.6	107 803	0.2	534 489	0.9	2 486 503	4.3	37 979	0.1	137 342	0.2	-	0.0	10 750 008	18.4
1977	8 900 362	13.7	478 897	0.7	70 291	0.1	440 478	0.7	2 021 235	3.1	26 899	0.0	236 179	0.4	-	0.0	12 174 342	18.7
1978	8 928 112	13.6	661 875	1.0	83 647	0.1	180 776	0.3	2 356 594	3.6	51 681	0.1	266 264	0.4	-	0.0	12 528 949	19.1
1979	6 453 849	9.8	192 457	0.3	142 917	0.2	151 605	0.2	3 092 568	4.7	40 478	0.1	326 338	0.5	-	0.0	10 400 212	15.7
1980	10 649 783	17.9	864 716	1.5	365 406	0.6	277 900	0.5	1 528 904	2.6	78 398	0.1	250 637	0.4	-	0.0	14 094 749	23.6
1981	9 009 025	15.3	1 197 690	2.0	351 553	0.6	140 990	0.2	2 332 340	4.0	11 697	0.0	266 766	0.5	79 005	0.1	13 368 083	22.7
1982	11 398 883	23.3	854 334	1.7	259 610	0.5	145 304	0.3	2 945 237	6.0	69 767	0.1	249 093	0.5	58 022	0.1	15 924 739	32.5
1983	12 656 291	25.2	812 484	1.6	109 287	0.2	81 558	0.2	3 015 068	6.0	58 184	0.1	359 750	0.7	2 531	0.0	17 092 622	34.1
1984	13 124 885	24.3	571 202	1.1	7 257	0.0	61 304	0.1	1 864 689	3.5	84 302	0.2	227 519	0.4	7 056	0.0	15 948 214	29.6
1985	9 720 211	23.2	557 673	1.3	4 350	0.0	35 598	0.1	571 414	1.4	96 921	0.2	339 500	0.8	-	0.0	11 325 667	27.1
1986	9 067 032	21.8	386 885	0.9	32 164	0.1	68 198	0.2	1 650 639	4.0	153 573	0.4	370 568	0.9	-	0.0	11 729 059	28.2
1987	11 085 376	25.9	461 804	1.1	28 893	0.1	95 712	0.2	1 008 599	2.4	148 263	0.3	374 843	0.9	-	0.0	13 203 490	30.9
TOTAL	221 146 188	15.4	8 495 584	0.6	2 865 749	0.2	7 442 351	0.5	47 445 721	3.3	1 698 105	0.1	7 470 211	0.5	146 614	0.0	296 710 523	20.7

SELECTED MINING COMMODITIES

HISTORICAL TABLE 24W

WELLAND CANAL SECTION

YEAR	COAL		COKE		IRON ORE		CLAY & BENTONITE		GRAVEL & SAND		STONE		SALT		SULPHUR		OTHER MINE	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	4 393 495	17.6	47 685	0.2	6 273 466	25.1	36 051	0.1	90 338	0.4	657 439	2.6	123 676	0.5	73 697	0.3	445 077	1.8
1960	3 988 786	15.0	93 693	0.4	7 127 278	26.9	47 566	0.2	84 575	0.3	825 900	3.1	144 429	0.5	57 014	0.2	363 909	1.4
1961	3 952 358	13.9	143 418	0.5	6 052 849	21.2	66 312	0.2	75 702	0.3	617 811	2.2	191 033	0.7	76 620	0.3	359 189	1.3
1962	4 400 776	13.7	197 771	0.6	9 313 711	29.0	74 940	0.2	106 865	0.3	951 708	3.0	235 666	0.7	59 408	0.2	223 831	0.7
1963	4 571 587	12.2	223 861	0.6	11 572 028	30.9	123 248	0.3	124 216	0.3	890 963	2.4	295 909	0.8	67 554	0.2	239 206	0.6
1964	5 708 589	12.2	231 945	0.5	15 268 481	32.8	128 843	0.3	113 321	0.2	917 628	2.0	308 867	0.7	71 010	0.2	578 142	1.2
1965	6 514 958	13.4	188 384	0.4	14 636 925	30.2	159 466	0.3	146 344	0.3	793 598	1.6	566 073	1.2	-	0.0	630 471	1.3
1966	6 951 322	12.9	215 646	0.4	16 016 776	29.8	167 161	0.3	137 933	0.3	1 285 312	2.4	694 269	1.3	-	0.0	637 493	1.2
1967	7 883 467	16.5	235 822	0.5	15 001 988	31.3	186 582	0.4	20 699	0.0	1 025 522	2.1	794 122	1.7	21 882	0.0	752 418	1.6
1968	8 885 333	16.9	314 821	0.6	16 559 190	31.4	223 036	0.4	65 403	0.1	1 337 867	2.5	939 264	1.8	-	0.0	670 310	1.3
1969	9 789 435	20.2	279 143	0.6	12 257 905	25.2	220 890	0.5	96 074	0.2	1 195 824	2.5	740 730	1.5	-	0.0	789 455	1.6
1970	9 762 611	17.1	417 710	0.7	14 597 689	25.6	281 217	0.5	115 982	0.2	891 201	1.6	982 450	1.7	-	0.0	633 705	1.1
1971	8 386 062	14.7	453 063	0.8	12 332 418	21.6	288 928	0.5	227 916	0.4	855 599	1.5	1 077 595	1.9	-	0.0	734 170	1.3
1972	9 031 057	15.5	527 918	0.9	12 457 540	21.4	143 742	0.2	119 318	0.2	1 006 819	1.7	1 472 442	2.5	-	0.0	611 480	1.1
1973	7 383 928	12.1	591 467	1.0	15 588 483	25.6	196 070	0.3	34 846	0.1	1 293 970	2.1	1 387 836	2.3	-	0.0	1 022 137	1.7
1974	5 882 132	12.4	445 024	0.9	13 529 443	28.5	263 655	0.6	115 504	0.2	1 307 181	2.8	1 405 854	3.0	76 722	0.2	1 371 748	2.9
1975	7 700 819	14.2	802 834	1.5	14 940 372	27.5	172 852	0.3	269 173	0.5	1 072 232	2.0	1 356 108	2.5	31 576	0.1	557 260	1.0
1976	6 743 696	11.6	1 746 942	3.0	19 549 492	33.5	250 932	0.4	294 387	0.5	996 977	1.7	1 507 482	2.6	43 742	0.1	526 934	0.9
1977	6 734 179	10.3	2 101 541	3.2	19 926 554	30.6	333 665	0.5	289 440	0.4	1 013 613	1.6	1 489 821	2.3	14 309	0.0	656 959	1.0
1978	5 408 206	8.2	2 525 771	3.8	15 679 922	23.9	195 022	0.3	84 801	0.1	1 318 178	2.0	1 386 969	2.1	7 214	0.0	942 021	1.4
1979	7 790 521	11.8	2 502 543	3.8	15 118 140	22.8	261 667	0.4	313 224	0.5	1 522 882	2.3	1 492 636	2.3	152 891	0.2	741 087	1.1
1980	7 292 903	12.2	1 434 884	2.4	11 417 850	19.2	276 158	0.5	215 696	0.4	1 153 395	1.9	1 417 627	2.4	157 181	0.3	651 905	1.1
1981	6 543 019	11.1	971 038	1.6	13 735 690	23.3	198 725	0.3	224 838	0.4	1 050 200	1.8	1 762 967	3.0	28 233	0.0	843 647	1.4
1982	7 141 242	14.6	756 836	1.5	7 016 008	14.3	142 492	0.3	130 449	0.3	115 435	0.2	1 419 270	2.9	3 013	0.0	629 861	1.3
1983	5 494 597	11.0	683 081	1.4	9 229 290	18.4	76 849	0.2	203 063	0.4	402 008	0.8	1 455 070	2.9	-	0.0	550 870	1.1
1984	6 603 148	12.2	858 598	1.6	10 088 727	18.7	157 206	0.3	318 736	0.6	537 585	1.0	1 725 967	3.2	-	0.0	694 588	1.3
1985	5 807 694	13.9	921 887	2.2	6 788 799	16.2	162 410	0.4	176 291	0.4	815 313	1.9	1 521 180	3.6	-	0.0	931 702	2.2
1986	5 775 521	13.9	993 268	2.4	5 839 484	14.0	161 366	0.4	82 436	0.2	1 005 908	2.4	1 882 656	4.5	-	0.0	1 026 770	2.5
1987	5 644 283	13.2	822 061	1.9	6 180 641	14.5	164 766	0.4	89 372	0.2	889 303	2.1	1 766 446	4.1	-	0.0	952 116	2.2
TOTAL	192 165 721	13.4	21 728 654	1.5	354 097 139	24.6	5 162 016	0.4	4 366 943	0.3	27 747 369	1.9	31 544 416	2.2	942 065	0.1	19 768 459	1.4

SELECTED PROCESSED COMMODITIES

HISTORICAL TABLE 25W

WELLAND CANAL SECTION

YEAR	GASOLINE		FUEL OIL		CHEMICALS		SODIUM PRODUCTS		PIG IRON		MANUFACTURED IRON & STEEL		CEMENT		SCRAP IRON & STEEL		OTHER PROCESSED	
	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%	TONNES	%
1959	259 174	1.0	750 131	3.0	128 333	0.5	100 623	0.4	95 169	0.4	344 447	1.4	130 717	0.5	226 152	0.9	1 974 079	7.9
1960	279 785	1.1	667 439	2.5	121 873	0.5	102 158	0.4	49 435	0.2	544 917	2.1	110 935	0.4	523 161	2.0	1 758 693	6.6
1961	283 635	1.0	754 062	2.6	109 633	0.4	92 682	0.3	222 802	0.8	418 834	1.5	86 574	0.3	1 141 582	4.0	1 996 052	7.0
1962	192 190	0.6	808 841	2.5	127 568	0.4	116 512	0.4	144 569	0.5	539 807	1.7	128 126	0.4	219 056	0.7	1 939 207	6.0
1963	176 450	0.5	701 034	1.9	134 464	0.4	106 442	0.3	117 196	0.3	672 541	1.8	126 041	0.3	266 688	0.7	2 358 358	6.3
1964	208 715	0.4	836 498	1.8	224 280	0.5	124 082	0.3	224 232	0.5	1 004 994	2.2	112 821	0.2	361 783	0.8	2 304 690	4.9
1965	235 011	0.5	956 654	2.0	177 131	0.4	116 799	0.2	278 403	0.6	2 525 184	5.2	149 874	0.3	116 774	0.2	2 507 331	5.2
1966	244 868	0.5	954 253	1.8	216 195	0.4	106 094	0.2	298 780	0.6	2 540 418	4.7	106 018	0.2	159 264	0.3	2 689 511	5.0
1967	285 033	0.6	1 086 671	2.3	263 173	0.5	93 715	0.2	209 568	0.4	2 841 508	5.9	84 527	0.2	386 912	0.8	2 244 505	4.7
1968	257 688	0.5	1 174 870	2.2	230 350	0.4	107 159	0.2	220 931	0.4	4 709 013	8.9	20 978	0.0	395 731	0.8	2 475 265	4.7
1969	352 033	0.7	1 146 095	2.4	292 246	0.6	138 931	0.3	216 571	0.4	3 803 564	7.8	125 564	0.3	1 127 054	2.3	2 565 835	5.3
1970	233 117	0.4	1 372 448	2.4	268 746	0.5	136 366	0.2	274 315	0.5	3 750 360	6.6	174 137	0.3	825 524	1.4	2 325 988	4.1
1971	151 885	0.3	1 113 684	1.9	319 204	0.6	133 471	0.2	107 710	0.2	5 424 560	9.5	160 319	0.3	229 508	0.4	2 589 796	4.5
1972	154 688	0.3	1 249 948	2.1	364 950	0.6	146 998	0.3	157 159	0.3	4 765 548	8.2	164 883	0.3	384 742	0.7	2 539 394	4.4
1973	114 049	0.2	1 956 435	3.2	378 719	0.6	138 512	0.2	129 732	0.2	3 654 937	6.0	219 954	0.4	804 954	1.3	2 346 508	3.8
1974	152 956	0.3	1 069 157	2.3	302 171	0.6	108 596	0.2	118 717	0.2	2 980 512	6.3	221 674	0.5	112 933	0.2	1 634 820	3.4
1975	155 079	0.3	1 032 553	1.9	343 033	0.6	130 026	0.2	111 620	0.2	2 012 942	3.7	191 466	0.4	559 475	1.0	1 599 488	2.9
1976	211 048	0.4	725 982	1.2	395 371	0.7	95 209	0.2	114 773	0.2	2 673 885	4.6	165 553	0.3	415 016	0.7	1 745 493	3.0
1977	110 002	0.2	958 013	1.5	450 723	0.7	101 782	0.2	148 565	0.2	4 715 500	7.2	222 796	0.3	354 157	0.5	2 007 746	3.1
1978	105 257	0.2	910 793	1.4	577 389	0.9	158 056	0.2	231 298	0.4	3 398 295	5.2	412 708	0.6	590 828	0.9	2 249 169	3.4
1979	232 261	0.4	1 674 771	2.5	600 267	0.9	180 811	0.3	122 742	0.2	2 888 762	4.4	575 536	0.9	545 474	0.8	2 722 031	4.1
1980	173 677	0.3	1 664 553	2.8	599 824	1.0	281 625	0.5	192 653	0.3	3 308 997	2.2	295 897	0.5	674 072	1.1	1 684 135	2.8
1981	150 538	0.3	1 821 541	3.1	594 420	1.0	253 467	0.4	191 674	0.3	3 390 026	4.1	285 501	0.5	63 453	0.1	1 580 717	2.7
1982	173 991	0.4	1 072 472	2.2	687 433	1.4	210 657	0.4	140 993	0.3	1 730 220	3.5	237 573	0.5	421 573	0.9	1 472 139	3.0
1983	218 092	0.4	835 488	1.7	508 286	1.0	252 866	0.5	151 896	0.3	2 782 095	5.5	409 794	0.8	366 974	0.7	1 480 605	3.0
1984	251 160	0.5	678 186	1.3	505 130	0.9	130 189	0.2	218 538	0.4	3 962 917	7.4	531 399	0.9	325 725	0.6	1 053 561	2.0
1985	141 601	0.3	628 613	1.5	607 910	1.5	170 520	0.4	89 263	0.2	3 094 923	7.4	309 120	0.7	753 927	1.8	1 710 966	4.1
1986	186 564	0.4	603 625	1.5	776 373	1.9	225 014	0.5	71 730	0.2	2 850 070	6.8	347 060	0.8	782 966	1.9	1 850 273	4.4
1987	97 982	0.2	569 051	1.3	627 657	1.5	159 538	0.4	104 815	0.2	2 674 513	6.2	549 874	1.3	372 318	0.9	1 869 021	4.4
TOTAL	5 798 529	0.4	29 773 841	2.1	10 932 852	0.8	4 218 900	0.3	4 755 849	0.3	77 004 289	5.4	6 657 419	0.5	13 507 776	0.9	59 275 376	4.1

CARGO TONNES BY ORIGIN-DESTINATION

HISTORICAL TABLE 26W

FROM: TO:		U P B O U N D						D O W N B O U N D						WELLAND CANAL SECTION							
		CANADA			U.S.A.			OVERSEAS			CANADA					U.S.A.			OVERSEAS		
		CANADA	U.S.A.	CANADA	U.S.A.	CANADA	U.S.A.	CANADA	U.S.A.	OVERSEAS	CANADA	U.S.A.	OVERSEAS			CANADA	U.S.A.	OVERSEAS			
1959	1 115 120	6 297 065	82 953	293 306	59 305	918 351	4 802 355	80 567	469 049	7 716 059	615 268	2 531 346	24 980 744								
1960	1 128 138	5 241 759	40 376	282 613	100 504	802 209	4 937 327	30 655	775 128	8 998 712	663 453	3 533 998	26 534 872								
1961	1 205 974	4 552 848	15 654	235 570	60 978	884 925	6 947 102	3 116	692 425	9 254 630	637 266	4 044 828	28 535 316								
1962	1 250 787	7 202 802	-	282 513	51 899	1 048 921	5 786 420	20 879	594 116	10 687 787	671 072	4 522 862	32 120 058								
1963	1 065 020	9 095 379	8 336	316 217	97 118	1 349 650	7 506 977	4 812	703 837	13 089 801	580 084	3 652 652	37 469 883								
1964	1 135 279	13 401 801	-	301 867	165 850	1 815 631	9 918 392	18 571	671 260	13 549 111	568 197	5 072 913	46 618 872								
1965	1 273 324	12 954 679	9 381	264 360	159 469	3 435 973	8 886 907	55 770	955 760	14 281 667	550 077	5 634 702	48 461 969								
1966	1 504 250	14 897 621	6 616	240 780	156 800	3 667 671	11 442 371	64 470	826 390	14 012 718	652 542	6 298 120	53 770 349								
1967	1 347 421	14 753 687	-	233 488	109 606	3 880 620	7 723 016	24 269	1 113 772	12 962 617	673 354	5 086 041	47 907 891								
1968	1 443 938	16 082 652	18 693	271 751	159 138	5 775 299	7 109 710	33 599	672 237	15 050 893	551 672	5 514 910	52 684 492								
1969	1 545 655	11 224 129	-	243 235	234 364	4 332 753	7 125 220	3 281	554 247	16 488 126	530 487	6 282 218	48 563 715								
1970	1 459 051	13 266 645	-	197 167	169 398	4 115 657	12 761 329	21 187	928 721	17 603 899	597 265	5 998 527	57 118 846								
1971	1 250 914	11 646 945	14 148	124 038	274 450	6 281 135	14 119 566	22 429	1 426 486	13 424 330	553 492	8 067 538	57 205 471								
1972	1 529 106	11 598 189	3 062	122 100	253 882	5 653 843	14 209 642	31 694	1 543 663	14 027 283	482 875	8 780 144	58 235 483								
1973	1 360 819	15 191 099	16 010	133 894	263 484	4 548 125	13 044 640	56 629	1 064 502	15 969 464	383 701	8 925 622	60 957 989								
1974	1 115 237	12 989 535	14 825	105 871	127 623	3 926 881	11 408 373	40 526	1 153 118	12 040 674	266 985	4 310 509	47 500 157								
1975	1 063 176	12 937 855	6 960	91 465	152 129	2 885 990	14 276 732	187 201	1 032 563	15 300 479	245 823	6 113 748	54 294 121								
1976	793 973	18 007 031	-	80 512	182 936	4 221 402	13 559 582	64 018	1 214 787	13 707 867	262 542	6 273 795	58 368 445								
1977	1 170 445	19 005 288	-	48 250	280 044	6 862 860	15 025 766	112 987	1 509 578	13 082 569	232 512	7 747 147	65 077 446								
1978	832 691	13 610 818	69 081	90 068	352 631	6 302 488	15 439 037	130 255	1 715 041	15 531 028	265 653	11 332 201	65 670 992								
1979	713 125	13 958 502	32 339	85 347	295 577	5 201 260	14 731 414	218 802	1 804 230	19 052 463	185 848	9 885 639	66 164 546								
1980	858 093	9 054 074	-	72 106	237 349	1 764 726	16 674 572	415 745	2 796 075	20 154 080	439 287	7 139 874	59 605 981								
1981	995 939	12 139 082	-	47 526	490 256	2 929 077	15 787 684	568 445	2 564 578	17 282 339	196 683	5 849 266	58 850 375								
1982	481 542	5 772 584	13 788	2 817	304 437	2 249 304	17 634 072	366 136	2 370 138	13 795 173	132 747	5 901 366	49 024 104								
1983	768 254	7 919 235	11 037	23 119	321 833	3 261 849	19 277 286	235 853	1 985 059	10 333 512	130 482	5 877 567	50 145 086								
1984	710 699	8 142 640	10 538	16 693	446 830	4 752 393	18 286 055	393 063	1 700 224	12 851 014	93 878	6 512 831	53 916 858								
1985	660 510	6 159 577	14 354	21 155	349 026	3 682 879	13 012 693	574 427	1 408 901	10 685 635	25 667	5 256 936	41 851 760								
1986	685 615	5 421 405	25 806	42 203	385 297	3 663 704	13 740 632	373 826	1 535 231	9 956 539	80 212	5 702 300	41 612 770								
1987	826 032	6 708 652	34 818	20 893	403 273	3 436 375	14 652 471	381 343	1 726 559	9 341 713	34 030	5 158 596	42 724 755								
TOTAL	31 290 127	319 233 578	448 775	4 290 924	6 645 486	103 651 851	349 827 343	4 534 555	37 507 675	390 232 182	11 303 154	177 008 196	1 435 973 846								